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ABSTRACT

One of a series of three resource guides concerned with communication, control, and computer access for disabled and elderly individuals, the directory focuses on communication aids. The book's six chapters each cover products with the same primary function. Cross reference indexes allow access to listings of products by function, input/output features, and by computer model. Switches are listed separately by input/output features. Provided for each product is usually an illustration, the product name, vendor, size, weight, power source, cost, and a description. The first chapter covers speech aids (prosthetic and orthotic aids to oral speech, such as artificial larynges and speech amplifiers); the second covers pointing and typing aids (headsticks, mouthsticks, handsplints, lightbeam headpointers, and other devices for facilitating an individual's ability to point or press keys); the third describes electronic training and communication initiation aids; the fourth reviews non-electronic communication aids; the fifth covers electronic communication and writing aids; and the last chapter considers telecommunication devices for the deaf (TDD's)--devices specifically designed for deaf individuals to communicate over phone lines using ASCII, Baudot, touchtones, or synthetic speech. Appendixes include a list of additional sources of information, a glossary, addresses of manufacturers listed with their products, and an alphabetical listing of all products in the three-book series. (DB)

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COMMUNICATION, CONTROL, AND COMPUTER ACCESS FOR DISABLED & ELDERLY INDIVIDUALS

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COMMUNICATION AIDS

Trace Center

EC 192417

This is **ResourceBook® 1** of a three-book set inaugurating the Rehab/Education Technology ResourceBook® Series. Although most readers will probably use the full series, each book is written so that it can be used independently. All the cross-reference indexes include all of the products from all of the books.

Other books in the set are:

ResourceBook® 2: Switches and Environmental Controls
ResourceBook® 3: Software and Hardware

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Rehab/Education Technology ResourceBook Series:

Communication, Control, and Computer Access for Disabled and Elderly Individuals

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ResourceBook 1:

Communication Aids

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Sara Brandenburg
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Preface: How to Use the Books

Overview

With the rapid growth of technology applied to the areas of augmentative communication, special education, and rehabilitation, the task of identifying the appropriate technological tools (aids) can be overwhelming. We wrote the Rehab/Education Technology Resourcebook Series to allow you to quickly identify promising tools so you can focus more energy on applying them successfully. In addition, we believe that looking through these books can help you to understand the huge variety of currently available tools, the kinds of needs they attempt to address, and the capabilities of the people who can make use of them.

The Books Include Special Devices and Software

The Rehab/Education Technology Resourcebooks include products designed specifically for elderly people and people with disabilities. Book 1 covers communication aids, Book 2 covers switches and environmental controls, and Book 3 covers computer software and hardware. The books also include products that were originally designed for use by ordinary people but are marketed specially for elderly or disabled people.

Products marketed for the general public which could be useful to people with disabilities or elderly people could not be included in the Resourcebooks due to the volume of material. For example, general educational software and standard word processing programs can be useful to people with disabilities but there are too many to include. Appendix A, Additional Resources, can guide you to sources of further information on these types of products.

Each Chapter Covers Products With the Same Primary Function

Each chapter contains all the products with the same primary function arranged alphabetically. The chapter title identifies the primary function of the products that appear in it and the first page of each chapter has a brief explanation of the meaning of the title and the scope of the chapter.

Special Indexes Help You Find Products That Meet Special Needs

We have included special Cross Reference Indexes to help you search for available products to meet specific needs. The Cross-Reference Indexes located near the back of the books allow you to find products by function, by input feature, by output feature, and by computer. A separate Cross Reference Index for switches allows you to search for switches by input/output feature.

ALL the Cross Reference Indexes include ALL the products from ALL three books. The codes used in each index, and their meaning, are listed on each index title page. Cross reference codes, italicized and enclosed in parentheses, follow each entry. The book-page numbers for the product description come after the cross reference codes. For example, a product that is on page 125 of book 3 will have the notation 3-125.

How to Find All the Products That Have a Certain Function

Most products have more than one function, so you can't find all the products for a particular function by looking in the chapter on that function. To find all the products that can provide a certain function look in Cross Reference Index 1, Products Listed by Function. The additional function codes assigned to a product follow the product name. They are italicized and enclosed in parentheses.

For Example: If you are looking for a communication aid that can also be used as an alternate input to computers, first find the code list at the beginning of the Cross Reference Index 1, Products Listed by Function. Note that "Electronic Communication and Writing Aid" is code EA and that "Alternate Input Adaptable for Use With All Software" is code TW. Now find the Electronic Communication and Writing Aid section by looking for the title alphabetically. Then going down the list of products under the EA title, note those products that have the TW function code in the italicized list of codes next to each product. The codes are contained in parentheses and look like *(ODS,PW,TW,WP)*. Finally, use the book-page number (e.g. 3-90) following the codes to find the corresponding product description.

For curricular skills the codes make a distinction between Early Skills *(ES)* that are prereading, Later Skills *(LS)* that involve reading or later reasoning skills, Calculation skills *(CN)* for math, Activities of Daily Living *(AD)*, and Vocational skills *(VO)*. Therapies have been distinguished in the codes by the broad categories Speech Therapy *(ST)*, Language Therapy *(LT)*, and Cognitive Rehabilitation *(CR)*. If you're not sure of the specific category use the general category "Education, Training, and Therapy Software" *(ET)* to find all products in the *(ES,LS,CN,AD,VO,ST,LT,CR)* categories.

How to Find All the Products That Have a Desired Input/Output Feature

The easiest way to find all the products with a given input or output feature is to use Cross Reference Index 2, Products Listed By Input/Output Feature and Cross Reference Index 3, Switches Listed By Input/Output Feature. Just look up the feature, all the products in any of the three books with that feature will be listed.

For Example: If you are looking for voice output software to teach keyboarding skills to a blind student, you are looking for the function "Keyboard Training" and the feature "Speech Output". First, go to the code list at the beginning of Cross Reference Index 2, Products Listed By Input/Output Feature. Find the Function code for "Keyboard Training Program" which is KB. Then in the index look up "Output/Display: Speech Output {*ODS*}" alphabetically by title . Under the title in the list of all speech output products look for those with the *(KB)* function code indicating that they provide training in the use of the keyboard. These are the products with both the function "Keyboard Training" and the feature "Speech Output". Noting the associated book-page numbers allows you to look up the product descriptions for more information.

How to Find All the Products for a Given Computer

All product descriptions include computer model. If you want to use computer model as a primary search, however, you can use Cross Reference Index 4, Products Listed by Computer.

For Example: To locate all the products for an IBM computer used for cognitive retraining, you go to Cross Reference Index 4, Products Listed by Computer and look up IBM computer. Then in that list of products you note entries with the CR code.

"Compatibles" are not listed unless a product is designed specifically for that computer. In all cases, contact the manufacturer to determine whether a given product will work with a "compatible" computer.

How to Find a Manufacturer's Address

The manufacturers with their addresses and phone numbers are listed in Appendix C, along with a list of their products that are included in the three books. Since products can be handled by several distributors we have attempted to identify an original manufacturer whenever possible. Contact the manufacturer for the nearest dealer.

How to Look Up a Product by Name

If you know the name of a product and want to find out the page of its product description use Appendix D, Alphabetical Listing of All Products. It contains an alphabetical listing of all products in all three books.

Products Are Not Indexed by Disability

Products are not indexed by disability since we believe that this is not a useful approach. While some products are clearly for the visually impaired, nonvocal, physically impaired, etc., many products could be used by people with any disability, just as standard software can be used by people with disabilities using appropriate access tools. For these reasons we believe that emphasis should move away from etiology label to a concentration on the functions that are required, and the specific input and output features necessary to make that function accessible to the person.

A Caution: We Make No Endorsements

The information contained in product entries is not evaluative, and inclusion in these books does not imply recommendation or endorsement. We have made every effort to make the entries consistent and informative but because we are not able to use every product ourselves, the description includes only what the product is designed to do and not how effectively the product does it. The product descriptions have been written based upon information provided by the manufacturers. The entries, including prices, were confirmed with them and are accurate as of September 1986.

The books are intended as a starting point. Your next step after finding a promising product description will be to contact the manufacturer directly. Ask them for detailed information regarding system prices, compatibility, possible trial periods, training, support and repair packages, etc.

These Books Can Help You Find the Tools. It Is Up To You To Make Them Useful.

Since the Trace Center did its first resource list and guides in 1979, the increase in both the number and the quality of aids for people with disabilities has been incredible. The point must be made, however, that while these aids can open many doors, they are only tools--not solutions. Now that there are tools to work with, it is the knowledgeable, creative application of these tools and the ongoing support for the people using them that will truly make the difference in improving the lives of elderly people and people with disabilities.

Update Form

A "fourth" Resourcebook will be published in Fall 1987, the UPDATE of all three books in the Resourcebook Series. This UPDATE will include new entries, information on discontinued entries, and a complete, newly updated set of cross-reference indexes with book-page locations for all four books. Application Tips submitted by people with disabilities, family members, and the professionals working with them will also be included.

If you have information on new products (software, hardware, devices, non-electronic, etc.) or products we have missed, please let us know. Copy this page and mail to:

Trace R&D Center
Information Project
S-151 Waisman Center
University of Wisconsin-Madison
1500 Highland Avenue
Madison, WI 53705

Or give us a call at 608/263-5408.

NAME OF PRODUCT: ____________________

MANUFACTURER: ____________________

COST: ____________________

FUNCTION(S): ____________________

ALL LEADS:

INPUT TYPE: ____________________

INPUT METHOD: ____________________

INPUT DISPLAY SYMBOL SYSTEM: ____________________

IF SWITCH, OR ALLOWS SWITCH INPUT, NUMBER OF SWITCHES: ____________________

ANY INPUT ACCELERATION OR EXPANSION TECHNIQUE? _____ YES ____ NO

IF SO, DESCRIBE: ____________________

OUTPUTS: ____________________

DESCRIPTION: ____________________

____

____

____

IF APPLICABLE:

COMPUTER(S): ____________________

DOS: ____________________ MEDIUM: ____________________

MANUAL FORM, LENGTH: ____________________

SIZE: ____________________ WEIGHT: ____________________

POWER SOURCE: ____________________ ACTIVATION PRESSURE: ____________________

CONNECTOR TYPE: ____________________

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Chapter 3: Training and Communication Initiation Aids — 13

Electronic devices designed to initiate communication or train individuals in the use of switches or selection techniques.

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Chapter 1

Speech Aids

This chapter includes prosthetic and orthotic aids to oral speech. This includes artificial larynges and speech amplifiers, including speech amplifiers in a telephone handset. It does not include hearing aids or telephone amplifiers for hearing impaired persons.

Related functions found in the cross reference indexes are: Artificial Larynx (AL), Voice Amplifier (VA), and Speech Aid (SA).

The following product entries appear in this chapter:

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Rand Voice Amplifier *1-5*
Servox *1-5*
Venti-Voice *1-6*
Voicette *1-6*

No Photograph Available

Product Name: Amplified Transmitter Handsets

Vendor: Walker Equipment Corporation

Size: 8" long

Weight: 1 lb.

Power Source: Not applicable

Cost: $31.25

Amplified Transmitter Handsets are handsets that connect to a standard telephone and provide amplification for outgoing speech. Gain is adjustable from 0 to +16 dB with a rotary control located on the handle. These handsets plug in with a standard modular jack, and can be connected in place of standard phone handsets.

Product Name: Cooper Rand Electronic Speech Aid

Vendor: Luminaud, Inc.

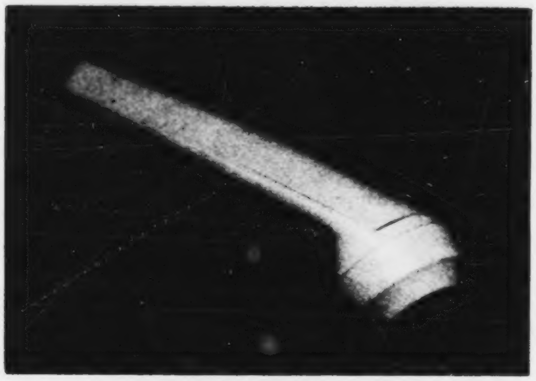
Size: 2.63" x 4.13" x 1.5"

Weight: 7 oz.

Power Source: 15V battery

Cost: $250.00 - $325.00

Cooper-Rand Electronic Speech Aid is an artificial larynx consisting of a portable pulse generator and a small hand held tone generator. The user inserts a tube projecting from the tone generator into his mouth. A tone emanating from this tube supplies the individual's missing or insufficient vocal tone. The tone can be turned on and off by a switch on the tone generator, and the volume and pitch of the tone are also adjustable.



Product Name: Electronic Artificial Larynx

Vendor: AT & T

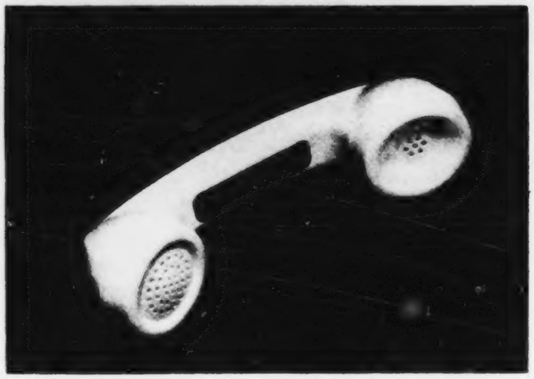
Size: 6" x 2"

Weight: 4 oz.

Power Source: 9V battery

Cost: $92.00

The Electronic Artificial Larynx is a speaking aid for individuals who have lost the use of their larynx. The tip of the cylindrical device is pressed against the throat. Vibrations transmitted to the throat substitute for the lost vocal tone, and the user forms words with the mouth in normal fashion. The Electronic Artificial Larynx produces electronic vibrations that roughly simulate the natural vibrations of the human voice.



Product Name: Handset for Speech Amplification

Vendor: AT & T

Size: 8" long

Weight: 1 lb.

Power Source: Not applicable

Cost: See below

The Handset for Speech Amplification is identical to a normal telephone handset, but offers a volume adjustment that can amplify a user's voice up to 30%. A small dial on the handset is used to adjust the volume. The handset has a standard modulator phone connection and can be connected in place of the standard phone handset. Contact manufacturer for further information on connectors and price of handsets.

No Photograph Available

Product Name: Neovox

Vendor: Aurex Corporation

Size:

Weight:

Power Source: Rechargeable battery

Cost: $356.50

The user holds the Neovox, an artificial larynx, and presses the tip against the throat. Vibrations transmitted to the throat substitute for the lost vocal tone, and the user forms words in the normal fashion. Also available are male and female tones, and an "intra-oral conversion kit" (allows the vocal tone to be transmitted through a tube in the mouth rather than to the throat.)

Product Name: P.O. Vox

Vendor: P.O. Vox Medical, Inc.

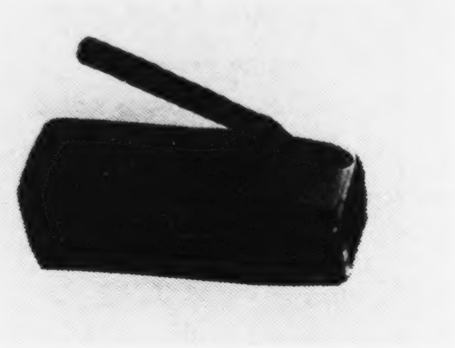
Size: 2.25" x 3.5" x 1"

Weight: 1.6 oz.

Power Source: 9V battery

Cost: $60.00

P.O. Vox is an artificial larynx designed for respirator patients for temporary communication. It is disposable, and can be activated by a built-in pressure switch or other external switches. A small tone generator produces a tone, which then travels along a flexible plastic tube placed in the user's mouth. Volume and pitch of the tone are adjustable.



Product Name: P.O. Vox Companion

Vendor: P.O. Vox Medical, Inc.

Size: 1.25" x 1.38" x 4"

Weight: 3 oz.

Power Source: 9V battery

Cost: $110.00

P.O. Vox Companion is a small hand-held artificial larynx that generates a tone in the user's mouth. A small tube (which can be folded down flush with the case when not in use) transmits the electronically generated tone to the user's mouth. The user then modifies the tone with the tongue and lips to create speech. P.O. Vox Companion is activated by a small touch switch on the side of the case. It is designed for permanent use by laryngectomy patients.

Product Name: Rand Voice Amplifier

Vendor: Luminaud, Inc.

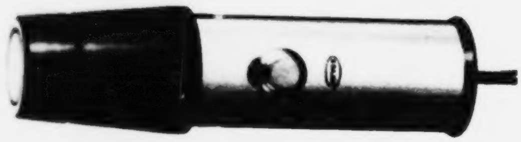
Size: 2.63" x 4.13" x 1.04"

Weight: 10.5 oz.

Power Source: 9V Battery

Cost: $150.00

Rand Voice Amplifier is a small, portable voice amplifier that can be clipped on to a person's pocket or belt. A small unidirectional microphone is held to the lips; the voice comes out amplified through the main unit amplifier.



Product Name: Servox

Vendor: Siemens Hearing Instruments, Inc.

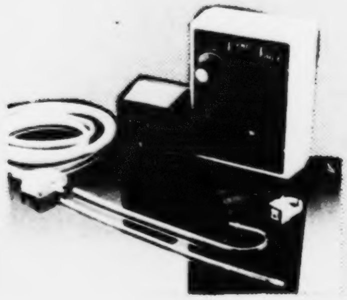
Size: 1.5" x 1.5" x 5.25"

Weight: 9 oz.

Power Source: Rechargeable batteries

Cost: $450.00

The tip of the Servox (a hand-held artificial larynx) is pressed against the throat, and a vibration passes up through the vocal tract. The user then articulates the tone in the normal manner. Volume and pitch of the tone are adjustable. A button can automatically raise the tone when pressed, for asking questions or adding emphasis. An optional oral connector is available which temporarily changes the device into an intra-oral device by allowing connection of a tube.



Product Name: Venti-Voice

Vendor: Bear Medical Systems, Inc.

Size: 5" x 4" x 2"

Weight: 1 lb.

Power Source: 120V AC

Cost: $495.00 - $999.00

Venti-Voice is a speaking aid designed for people dependent upon a ventilator. The user activates a flow of gas with a hand-held switch or a magnetic forehead switch (if lacking necessary muscle control). The gas flows to a tone generator; sound waves are produced and transmitted to a nasal or intraoral tube. The tone from this tube is articulated into speech. The system can also operate independent of a ventilator.

Product Name: Voicette

Vendor: Luminaud, Inc.

Size: 6.5" x 6.5" x 3"

Weight: 2 lbs.

Power Source: Rechargeable batteries

Cost: $125.00

Voicette is a small, portable, battery-operated audio amplifier. The user speaks into a microphone, and the voice comes out amplified through Voicette's speaker/amplifier. Voicette comes with a carrying case. Voicette can be powered by a rechargeable battery pack that can be charged on 120V AC. (250V/50 cycle charger also available).

Chapter 2

Pointing and Typing Aids

This chapter includes headsticks, mouthsticks, hand splints, lightbeam pointers, and any devices whose purpose is to facilitate an individual's ability to point to objects or press keys.

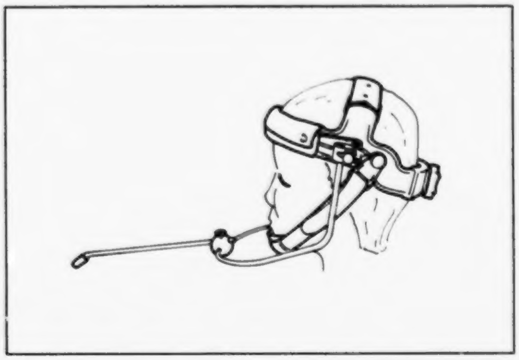
A related function found in the cross reference index is Book/Paper Handling (BP).

Some companies with other products that can serve as pointing or typing aids are Cleo, Maddak, Fred Sammons and Ways and Means. Addresses for all of the above are in Appendix C, Manufacturers. Contact them to receive more information.

Chapter 2: Pointing and Typing Aids

The following product entries appear in this chapter:

AD-1 Standard Pointer *1-9*
Adjustable Head Pointer *1-9*
Adjustable Head Pointer *1-9*
Adjustable Head Pointer *1-10*
Clear-View Head Pointer *1-10*
Heyer-Abadie Modular Mouthstick *1-10*
Light Pointer *1-11*
Mouth Held Page Turners *1-11*
Mouthsticks *1-11*
Talking Beam *1-12*
Viewpoint Optical Indicator 6 *1-12*



Product Name: AD-1 Standard Pointer

Vendor: Zygo Industries, Inc.

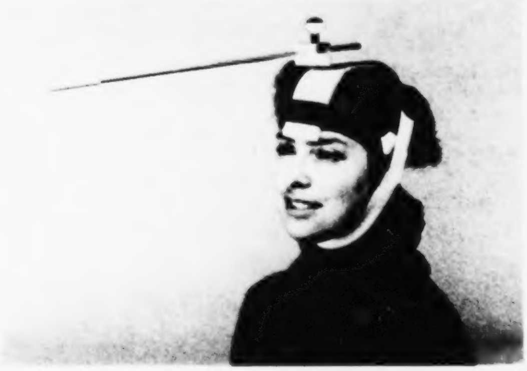
Size: 10" long

Weight: 8 oz.

Power Source: None

Cost: $115.00 - $160.00

The Standard Pointer is a head pointing device that uses the chin rather than the forehead as a point of reference for the pointer. This out-from-the-chin design places the pointer in closer proximity to the object being selected, and does not interrupt the user's field of vision during use. The Standard Pointer may be individually fitted to head sizes ranging from 20 to 25 inches in circumference. "Tiny Tot" and hook-and-loop closure models are also available.



Product Name: Adjustable Head Pointer

Vendor: Cleo, Inc.

Size:

Weight: 1 lb.

Power Source: None

Cost: $25.30

This head pointer has a foam-lined aluminum frame that can be bent to accommodate various size heads. The frame is held in place by an elastic headband and chin strap, both of which have adjustable hook-and-loop fasteners. Pointer length is also adjustable with velcro straps.

Product Name: Adjustable Head Pointer

Vendor: Fred Sammons, Inc.

Size: 18.5" long

Weight: 2 lbs.

Power Source: None

Cost: $18.95

The adjustable Head Pointer is an aluminum pointer that projects from above the forehead. Size and shape of the frame, as well as the length and angle of the pointing rod are adjustable. The elastic head band and chin strap attach with hook-and-loop material.

No Photograph Available

Product Name: Adjustable Head Pointer

Vendor: Maddak, Inc.

Size: 19" long

Weight: 1.3 lbs.

Power Source: None

Cost: $36.75

This headpointer is held on the head with plastic bands adjustable to the size of the user's head. The pointer rod projects from the top of the head, has adjustable length and angle and a pencil holder at the tip.

No Photograph Available

Product Name: Clear-View Head Pointer

Vendor: Fred Sammons, Inc.

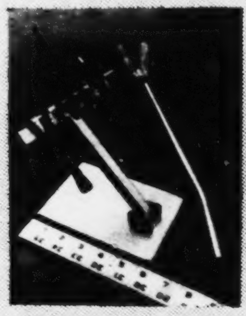
Size: 24" long

Weight: 2 lbs.

Power Source: None

Cost: $79.95

Clear-View Head Pointer is a headpointer that projects out at jaw level. The design of extending the pointer from jaw level rather than forehead level places the pointer in closer proximity to the object being selected, and does not interrupt the user's field of vision during use. Clear-View Head Pointer is adjustable six ways.



Product Name: Heyer-Abadie Modular Mouthstick

Vendor: Extensions for Independence

Size:

Weight: 2.5 oz.

Power Source: None

Cost: $87.50 and up

Heyer-Abadie Modular Mouthstick is a mouthstick system with a V-shaped mouthpiece which is gripped with the molars, thus leaving the tongue free. Several types of bodies are available that attach to the mouthpiece; price and weight listed are for an aluminum mouthpiece and the "basic" body with pen and eraser tip attached. The mouthpiece is made according to the individual user's bite pattern. Various options are available.

Product Name: Light Pointer

Vendor: Adaptive Communication Systems, Inc.

Size: 5.5" x 1.3" diam.

Weight: 3 oz.

Power Source: Rechargeable battery

Cost: $295.00

Light Pointer is a cylindrical device that projects a red light spot. The Light Pointer may be attached to the part of the body with which the user wants to point (head, etc.). The user then indicates selections by directing the red dot of light at the desired selection. The Light Pointer may be used on such systems as communication boards, or may serve as direct input to the PhotoPAC communication aid (see entry, Adaptive Communication Systems, Inc.).

No Photograph Available

Product Name: Mouth Held Page Turners

Vendor: Maddak, Inc.

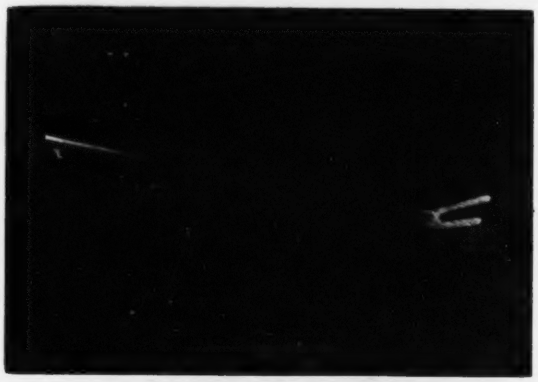
Size: 12" long

Weight: 0.75 oz.

Power Source: None

Cost: $6.00-$6.45

Mouth Held Page Turners are mouthsticks equipped with rubber tips designed for gripping pages. Mouthpieces are heart shaped, flat, and rubber coated; shafts are plastic. Three widths are available: 1.5", 2", and 2.5".



Product Name: Mouthsticks

Vendor: Fred Sammons, Inc.

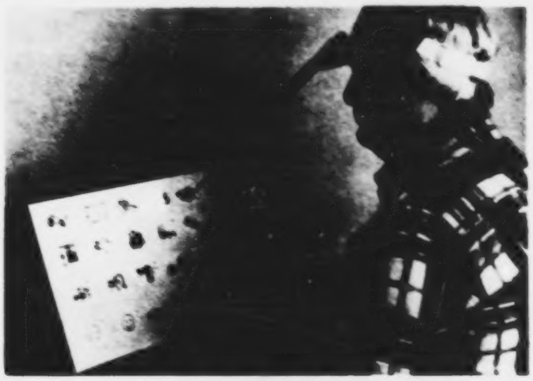
Size: 10" - 20" long

Weight: 1 - 1.5 oz.

Power Source: None

Cost: $27.00 - $70.00

Four models all have a V-shaped mouthpiece that allows tongue movement. The Wand Mouthstick has a rubber tip and can be used for typing or page turning. Clamp-On Mouthstick holds a pencil, pen, or brush. Auto Pencil Mouthstick allows the user to adjust pencil lead without hands. The Vertical Pincher Mouthstick has a tongue-controlled pincher at the end which can be used to insert paper into a typewriter.



Product Name: Talking Beam

Vendor: Crestwood Company

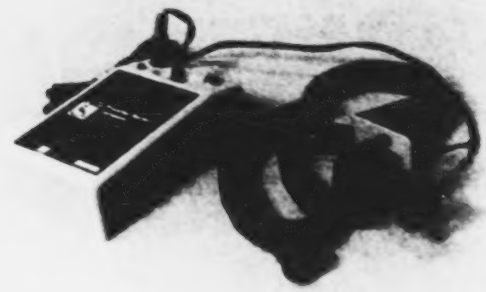
Size: 10" long

Weight: 5 oz.

Power Source: 2 "AA" batteries

Cost: $39.95

Talking Beam is a head mounted light pointer that may be used to point to items on a communication board or to objects in the environment. The bulb is mounted on the end of a 10 inch rod making it resemble a headstick with a light bulb at the end.adjusts the range of the light beam. Child or Adult Size available.



Product Name: Viewpoint Optical Indicator 6

Vendor: Prentke Romich Company

Size: 2.75" x 1.75"

Weight: 3.5 oz.

Power Source: Rechargeable batteries

Cost: $299.00

Viewpoint Optical Indicator is a small lightbeam projector that mounts on the user's head with a headband. The user can point to things (such as selections on a communication board) by directing the spot of light from the Viewpoint Optical Indicator toward the desired place. The spot of light is approximately 0.63" in diameter at a distance of 2 feet. The position of the pointer on the head and the angle of the pointer are adjustable.

Chapter 3

Training and Communication Initiation Aids

This chapter includes all electric and electronic devices which can be used to initiate communication, or train individuals in the use of switches, selection techniques, etc. Communication aids with less than 32 selections are considered communication initiation aids and are placed in this chapter rather than Chapter 5, Electronic Communication and Writing Aids. Single speed linear scanning systems are also in this chapter since their speed places a practical limit on the number of selections, placing it below the cut-off point of 32 selections. Toy control adapters are included in this category.

Related functions found in the cross reference indexes include Conversation/Interaction (CI), Environmental Control (EC), Assessment (AS), and Education/Training/Therapy (ET).

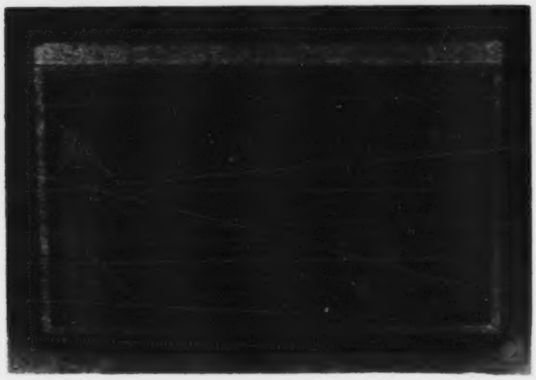
Appendix A includes a resource listing called Information on Adaptive Toys and Toy Modifications.

The following product entries appear in this chapter:

Ability Switch Tester *1-15*
AbleNet Control Unit *1-15*
Active Stimulation Programmer *1-16*
Activity Board *1-16*
Battery Adapter *1-17*
Battery Device Adapter *1-17*
Battery Interface *1-18*
Clock Communicator *1-18*
Com Board *1-19*
Communiclock *1-19*
Compartmentalized Communicator *1-20*
Counter Module *1-20*
Delay Timer *1-21*
Dial Scan *1-21*
Dual Channel Latching Switch Interface *1-22*
Dual Switch Latch and Timer *1-22*
E-Tran Scanner *1-23*
Lighted Vibrating Signalling Buzzer *1-23*
Multi-Input Selector *1-24*
Perceptual Motor Trainer *1-24*
Poc-Ett System *1-25*
Push-On-Push-Off Module *1-25*
Sequential Scanner *1-26*
Small Clock Communicator *1-26*
SonomaVoice *1-27*
Speller Teller *1-27*
STIM-U-LITE *1-28*
Switch Latch *1-28*
Switch Latch *1-29*
Symbol Training Display *1-29*
Tape-A-Message *1-30*
TIGERbook *1-30*
Timer and Counter *1-31*
Timer Module *1-31*
Toy Adapter Cable *1-32*
Toy Cable *1-32*
ToyPAC *1-33*
Training Aid 2 *1-33*
Tri-Responder *1-34*
Variable Position Scanner *1-34*
Versascan *1-35*
Vibrating Sack *1-35*
Voice Mate II *1-36*
Zygo Model 16C *1-36*
Zygo Model 20 *1-37*
Zygo Model 21S *1-37*

The following products from other chapters can also be used as Training or Communication Initiation Aids:

Accularm *2-75*
AllTalk *1-63*
Beeper *2-75*
Call Bell *2-76*
Call Signal 2 *2-76*
Expanded Keyboards for Speak N' Spell *1-65*
I Can Talk *3-226*
Lighted Extra Loud Signalling Buzzer *2-79*
Lighted Signalling Buzzer *2-79*
Multi-Scan *3-329*
Omnibox *3-63*
Point to Pictures Discrimination Kit *3-255*
Puff'N Buzzer Switch *2-81*
Scan & Speak *3-264*
SCANWOLF *1-74*
Signal Buzzer *2-82*
SimpleCom I: Yes/No Communication *3-265*
SimpleCom II: Needs/Wants
  Communication *3-266*
Single Switch Assessment Program *3-181*
Single-Input Assessment Software *3-182*
Target *3-280*
Touch & Speak *3-344*
Touch Com *3-183*
WOLF *1-84*
Zygo Model 4 *2-85*



Product Name: Ability Switch Tester

Vendor: TASH, Inc.

Size: 6" x 3.5" x 1.5"

Weight: 8 oz.

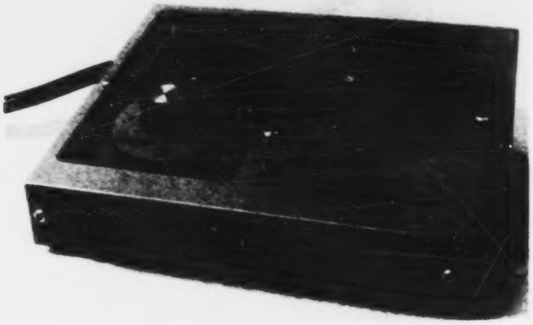
Power Source: 9V battery

Connector Type:

Cost: $117.00

Ability Switch Tester is a device that provides visual and auditory indication when a person activates a switch. The switch is plugged into the tester, and switch closure is indicated by a light and a tone.

Ability Switch Tester has three different kinds of jacks, for single, dual, and multiple switches. Contact manufacturer about compatibility with a particular switch.



Product Name: AbleNet Control Unit

Vendor: AbleNet

Size: 8" x 6"

Weight: 3.5 lbs.

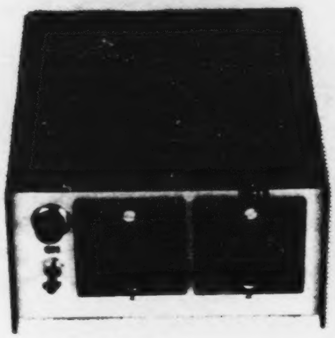
Power Source: 120V AC

Connector Type: Mini-phone plug

Cost: $99.95

The AbleNet Control Unit is a teaching tool and a simple environmental control. The unit may control any two 120V appliances with a single switch (not included). Appliances may be operated as long as the switch is held closed, or a two to ninety second latch may be set. The AbleNet Control Unit reduces the voltage at the user's end to 24V.

The AbleNet Control Unit may be controlled by any single switch.



Product Name: Active Stimulation Programmer

Vendor: Handicapped Children's Technological Services, Inc.

Size: 5" x 2.9" x 6"

Weight: 18 oz.

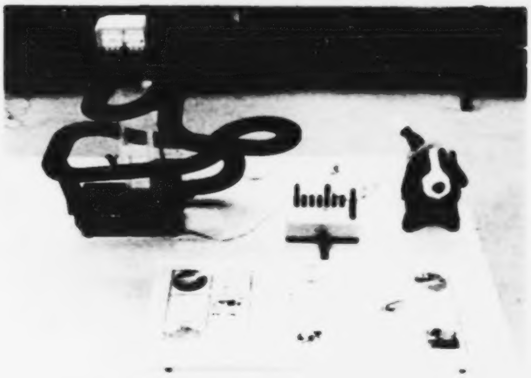
Power Source: 120V AC

Connector Type: 1/8" mini-phone plug

Cost: $225.00

Active Stimulation Programmer is a device that allows input from a switch to control the operation of a battery operated or electrical device. The programmer controls the duration of operation of the triggered device for each switch closure (1 to 90 seconds), and collects data on the number of movements (switch closures) and the number of reinforcements with digital counters.

Active Stimulation Programmer can be used with most switches.



Product Name: Activity Board

Vendor: EKEG Electronics Company LTD

Size: 12" x 24" x 1"

Weight: 5 lbs.

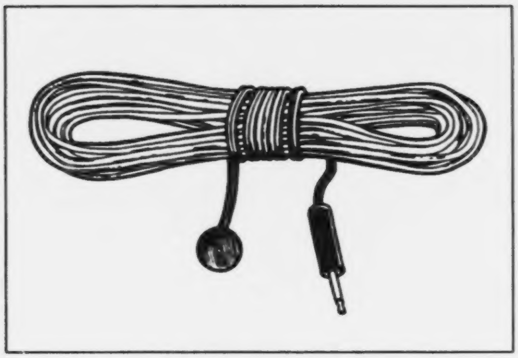
Power Source: 4 "C" batteries

Connector Type:

Cost: $375.00

Activity Board is a communication training aid consisting of 21 three-inch squares in a seven by three array. The array is covered by a sheet of clear plastic that may be removed so that pictures, symbols, letters, numbers, colors, or shapes may be placed in the grid squares. Selections are made by pressing on a square. Multiple overlays may be constructed for a variety of users. The 21 squares on the Activity Board may be grouped to represent larger activation areas if desired. The Activity Board may be used to operate a battery-operated toy or device by connecting it to a jack on the device's control box corresponding to the proper square on the board.

The Activity Board may be used to operate any battery-operated toy or device, but should not be used to control any device powered by 110V line current. A forty-square (ten by four array) version of the Activity Board is also available. Contact the manufacturer for details.



Product Name: Battery Adapter

Vendor: Developmental Equipment

Size:

Weight:

Power Source:

Connector Type: 1/8" mini-phone plug

Cost: $11.50

Battery Adapter is an interface for any battery operated toy or device that allows them to be operated using a single switch. A small metal plate at one end goes between a battery and the battery clip, or is inserted between two batteries in a device. A switch plugs into the jack at the other end of the cable. When the switch is plugged into the jack, the user activates the switch, and the toy is turned on and off.

Product Name: Battery Device Adapter

Vendor: AbleNet

Size:

Weight:

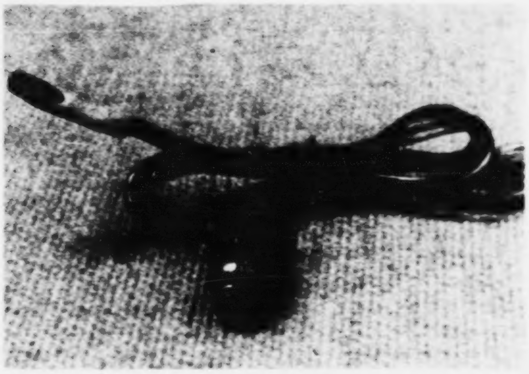
Power Source:

Connector Type: Mini-phone plug

Cost: $4.50

Battery Device Adapter allows battery operated toys or devices to be controlled by a single switch (not included). The Adapter is a cable with a small metal plate at one end and a jack for a single switch at the other. The plate is inserted between two batteries for a battery-operated device, or between a battery and a battery contact. When a switch is plugged into the jack, the switch will turn the device on and off.

The adapter comes in three sizes to accommodate AA, C, or D size batteries. The Battery Device Adapter will accept input from any switch having a mini-phone plug.



Product Name: Battery Interface

Vendor: Prentke Romich Company

Size:

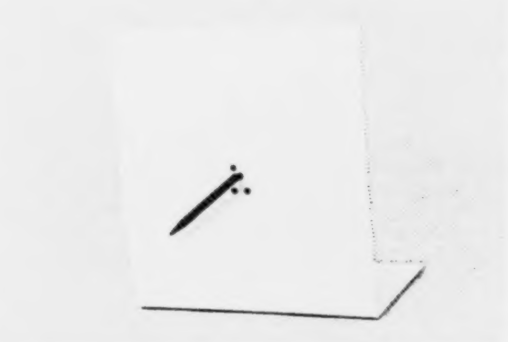
Weight: 2 oz.

Power Source:

Connector Type: Mini-phone plug

Cost: $28.00

Battery Interface allows battery operated toys or devices to be turned on using most single switches (not included) It is a cable with a small metal plate at one end and a jack for a single switch at the other. The plate is inserted between two batteries in a battery-operated device (such as a toy), or between a battery and a battery contact. When a switch is plugged into the jack, the switch will turn the battery-operated device on and off.



Product Name: Clock Communicator

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

Weight:

Power Source: 1 "D" battery

Connector Type: 1/4" or 1/8" phone plug

Cost: $65.00 - $75.00

Clock Communicator is a scanning communication training aid with a dial face. Activation of a single switch causes a pointer to revolve. The user releases the switch when the desired position is reached. Any words, pictures, or symbols may be placed on the face of the Clock Communicator to be selected by the user. The speed of the pointer's movement is adjustable.

A musical version of the Clock Communicator, with a built-in electronic music box that plays while the pointer is moving, is also available.

Product Name: Com Board

Vendor: TASH, Inc.

Size: 20" x 20" x 2.5"

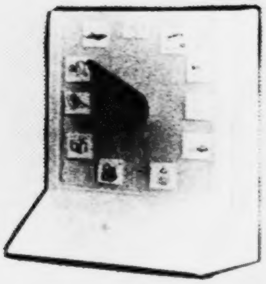
Weight: 5 lbs.

Power Source: 4 "C" batteries

Connector Type: 9,5 pin DIN, 3.5 mm phone plug

Cost: $345.00

Com Board is a scanning communication training device with a dial face. The user activates a single switch to move the pointer clockwise, two single switches to move the pointer clockwise or counterclockwise, or a dual switch to move the pointer either clockwise or counterclockwise. The speed of the pointer movement is adjustable. Com Board comes with adhesive labels for over 100 basic needs, letters, numbers, and pictures.



Product Name: Communiclock

Vendor: Crestwood Company

Size: 15.75" x 14.25" x 8"

Weight: 4.75 lbs.

Power Source: Battery

Connector Type:

Cost: $159.95

Communiclock is a scanning communication training device operated by either a single button on the device or an external switch. As long as the switch is closed, the pointer on Communiclock turns clockwise. The user releases the control switch to stop the pointer at the desired selection. Six blank overlays are provided, as well as 246 stickers including: 96 pictures from the Talking Pictures Board (see entry), 50 frequently used words, 50 numerals and alphabet, and 50 blanks.

Product Name: Compartmentalized Communicator

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

Weight:

Power Source: 4 "C" batteries

Connector Type: See below

Cost: $70.00 - $140.00

Compartmentalized Communicator is a direct selection communication training aid that consists of a row of switches, each in its own compartment. Each switch produces a distinct sound when pressed.

Compartmentalized Communicator is available with two to five sections, and with switches which allow the clinician to turn off individual compartments if desired. Contact manufacturer for more information on switches and connector types.

Product Name: Counter Module

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

Weight:

Power Source: 9V battery

Connector Type: 1/4" phone plug

Cost: $52.00

Counter Module is a device that counts the number of times a switch has been activated. The module is connected between the switch and the device activated by the switch. An electronic digital counter displays the number of activations. The Counter Module uses large (1/4") phone connectors.

Contact manufacturer for information on size and weight of Counter Module.

Product Name: Delay Timer

Vendor: Arroyo & Associates

Size: 2.4" x 4.4" x 1"

Weight:

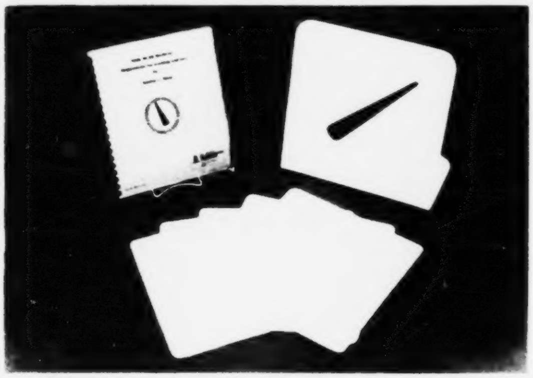
Power Source: 9V battery

Connector Type: Mini-phone plug

Cost: $150.00

The Delay Timer accepts input from any momentary switch and in turn provides variable timed output which keeps an appliance or toy on for a preset period of time after the switch is activated. The length of the activation time is adjustable from one to 60 seconds. Delay Timer may be used as a training aid for individuals using a switch for the first time.

Output may be made from Delay Timer to any unmodified toy when a battery interrupter cable is used, or to any toy or appliance modified to accept single switch input.



Product Name: Dial Scan

Vendor: Developmental Equipment

Size: 12" x 12"

Weight: 2.2 lbs.

Power Source: 4 "C" batteries

Connector Type: 1/8" mini-phone plug

Cost: $195.00

Dial Scan is a scanning communication training device with a dial face. A single switch is used to rotate a pointer on the dial, and the user releases the switch when the proper selection is reached. Five blank overlays are provided - photos, pictures, or symbols may be placed on them to suit the user's needs. Dial Scan may also be operated at variable speeds, and the dial may be moved clockwise or counterclockwise.

No Photograph Available

Product Name: Dual Channel Latching Switch Interface

Vendor: Hugh MacMillan Medical Centre

Size: 4.3" x 2.7" x 1.3"

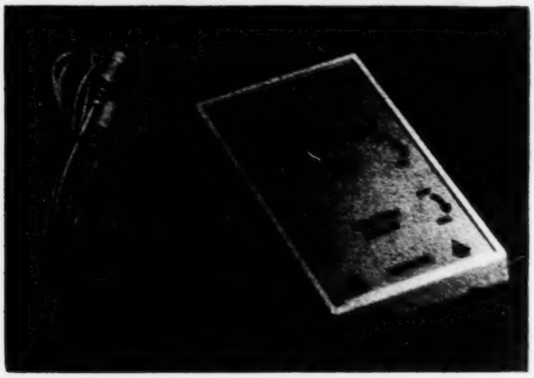
Weight: 5.4 oz.

Power Source: 9V battery

Connector Type: 3.5 mm mini-phone plug

Cost: $80.00

The Dual Switch Latching Interface connects between single switches and a battery operated devices such as a toy, radio or tape recorder to change the operation of the switch. When connected, the Dual Switch latching interface causes the switch to operate in an on/off fashion. Two separate and independent devices may be contolled from two different switches. Each input requires a 3.5mm mini-phone plug connector. Each output requires a 3.5mm mini-phone plug connector which is then connected to the device to be controlled.



Product Name: Dual Switch Latch and Timer

Vendor: TASH, Inc.

Size: 5.75" x 3.5" x 0.3"

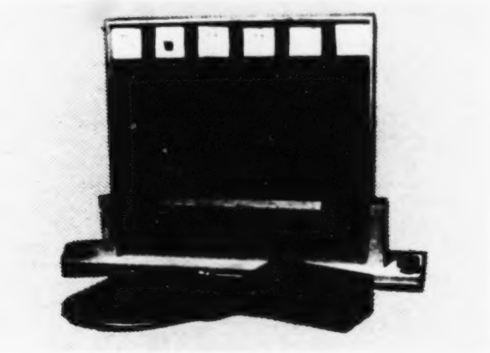
Weight: 1 lb.

Power Source: 9V battery

Connector Type: 3.5 mm mini-phone plug

Cost: $180.00

Dual Switch Latch and Timer is a device that controls the mode of operation of two momentary contact switches. The latching function changes the action of the switch from momentary to latching on/off. The timing function keeps the circuit closed for a preset amount of time for each activation of the switch, and can also set the duration for which the switch must be pressed in order to be activated. Dual Switch Latch and Timer can be used to control battery operated devices if used with an battery interrupter cable.



Product Name: E-Tran Scanner

Vendor: Arroyo & Associates

Size: 20" x 20" x 1.5"

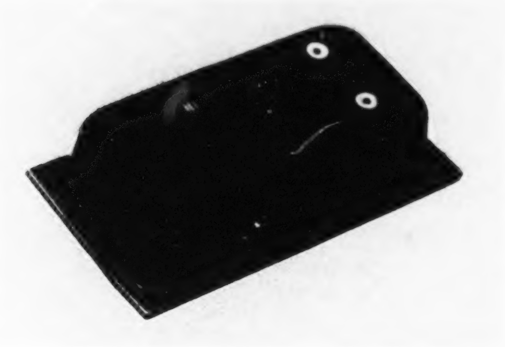
Weight:

Power Source: Rechargeable batteries

Connector Type: Mini-phone plug

Cost: $1,100.00

E-Tran Scanner is a communication training system designed for an individual just learning to use an electronic aid. Eighteen selection areas are assembled around a central area, allowing the user a clear viewing path. The user scans the selection areas with a single switch in either automatic or manual scanning modes; in automatic scanning, the scanning continues in sequence until the switch is closed, and in manual scanning, a different area lights every time the switch is operated. When the correct area is scanned, a lamp lights the entire selection area on both sides of the device. The message receiver can therefore sit on the opposite side of the E-Tran Scanner and maintain eye contact with the user. The buzzer provided with E-Tran Scanner may be used for audio feedback during selection, or as a call signal. The E-Tran Scanner has eighteen message areas, and the device may be configured to scan only six. Scanning rate is user adjustable.



Product Name: Lighted Vibrating Signalling Buzzer

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

Weight:

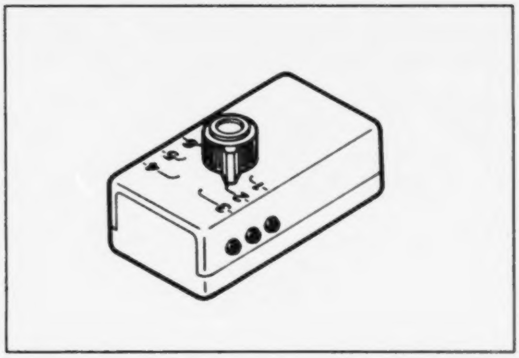
Power Source: Battery

Connector Type: 1/4" or 1/8" phone plug

Cost: $55.00

Lighted Vibrating Signalling Buzzer is a buzzer unit activated by a single switch. When a switch connected to the unit is activated, a buzzer sounds, a light on top of the unit is lit, and the unit vibrates. This tactile feedback is useful in the training of sensory impaired children. The Lighted Vibrating Signalling Buzzer uses a 1/4" or 1/8" phone plug.

Contact manufacturer for information on size and weight of buzzer.



Product Name: Multi-Input Selector

Vendor: Zygo Industries, Inc.

Size: 2.5" x 4.75" x 1.6"

Weight: 5 oz.

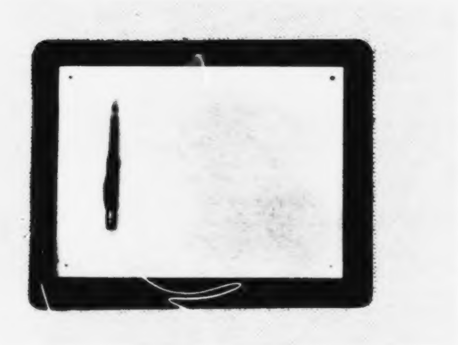
Power Source:

Connector Type:

Cost: $115.00

Multi-Input Selector is a device that allows more than one switch to be connected to a single switch operated device. Up to six switches may be connected, and a selector knob allows any one of the switches to be selected as the one to activate the device. Only one switch can be active at a time.

Contact manufacturer for more information on connector type of the Multi-Input Selector.



Product Name: Perceptual Motor Trainer

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

Weight:

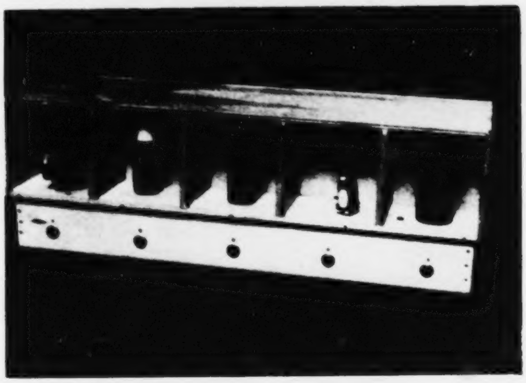
Power Source: 2 "AA" batteries

Connector Type:

Cost: $35.00

Perceptual Motor Trainer is a metal tablet with a stylus connected to it. Any design taped to the plate can serve as a path for the user to follow. When the stylus strays off the path, a buzzer sounds and a red LED lights up. The design placed on the plate can be as simple as a straight line or as complex as letters or words.

The Perceptual Motor Trainer requires two "AA" batteries for operation. Contact manufacturer for more information about size, weight, and connector type.



Product Name: Poc-Ett System

Vendor: Arroyo & Associates

Size: 17.75" x 6.2" x 6"

Weight:

Power Source: Rechargeable batteries

Connector Type: Mini-phone plug

Cost: $900.00

Poc-Ett System is a communication training aid that can be operated by either scanning or direct selection. The device has five cubbyholes, each with an accompanying light. The instructor may place any desired objects in the cubbyholes for selection by the student. The system may be configured with one switch connected to each position, in which case the student selects directly by activating the appropriate switch. The system may also be configured so that the selections are scanned with a single switch, either manually or automatically. In either case, the instructor may select a target position using the five slide switches on the back. When the student selects the target, a tune plays.

One to five switches (extra) are required to operate the Poc-Ett System

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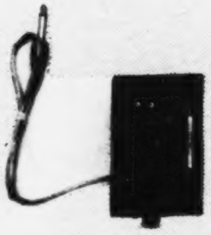


Product Name: Push-On-Push-Off Module

Vendor: Steven E. Kanor, Ph.D., Inc.

Size: 6.3" x 3.8" x 2.2"

Weight: 14 oz.

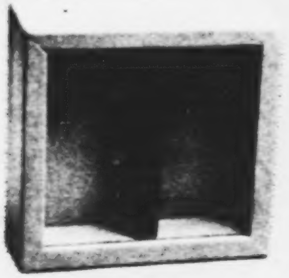
Power Source: 2 "D" batteries

Connector Type: 1/4" or 1/8" phone plug

Cost: $42.00

Push-On-Push-Off Module is a device that takes momentary input from a single switch and converts it to latched on/off output for a switch operated device. Activating the switch once witll turn the toy or device on. It remains on until the switch is activated again.

The Push-On-Push-Off Module uses either a 1/4" or 1/8" phone plug. Contact manufacturer for more information on size and weight of the module.



Product Name: Sequential Scanner

Vendor: Steven E. Kanor, Ph.D., Inc.

Size: 6" x 10"

Weight:

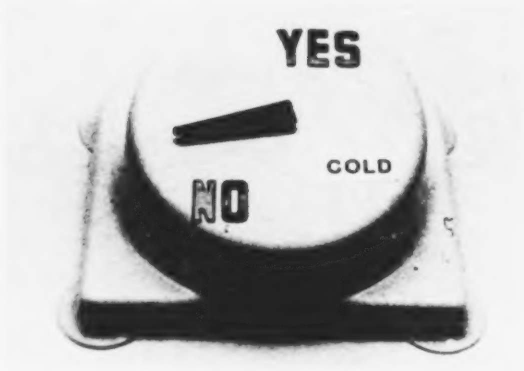
Power Source: 1 "D" battery

Connector Type: 1/4" or 1/8" phone plug

Cost: $70.00 - $85.00

Sequential Scanner is a communication training aid with compartments. The light in each compartment lights sequentially as long as a single switch is activated by the user. The user releases the switch once the desired compartment is reached. Any appropriate size symbols or objects may be placed in the compartments to be selected.

Sequential Scanner is available with two or four compartments.



Product Name: Small Clock Communicator

Vendor: Steven E. Kanor, Ph.D., Inc.

Size: 6" x 10"

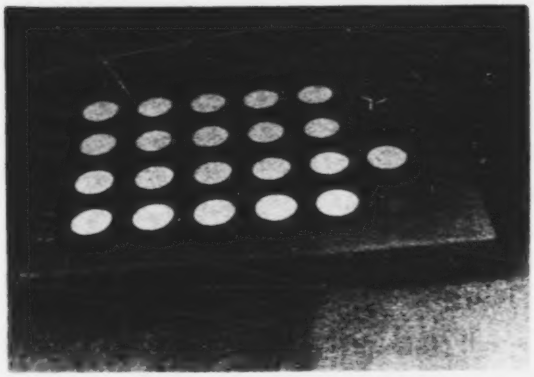
Weight:

Power Source: 1 "D" battery

Connector Type: 1/4" or 1/8" phone plug

Cost: $60.00

Small Clock Communicator is a scanning communication training aid with a dial face. The user causes a pointer to rotate by activating a single switch. When the desired position is reached, the user releases the switch, stopping the pointer. Any desired symbols may be placed on the Communicator's face. The speed of the pointer movement is adjustable.



Product Name: SonomaVoice

Vendor: Sonoma State Hospital/Development Center

Size: 15" x 10"

Weight: 5 lbs.

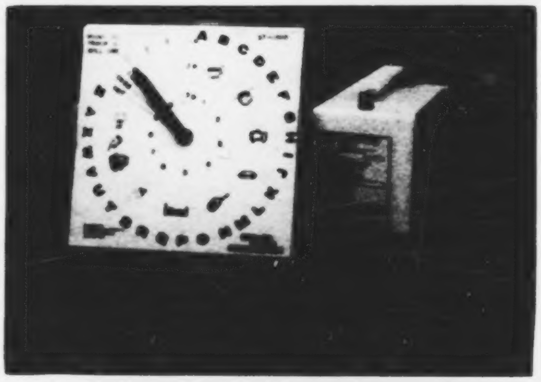
Power Source: Rechargeable batteries

Connector Type:

Cost: $350.00 - $400.00

SonomaVoice is a portable communication aid with synthesized voice output. The user makes selections by pressing keys on a sixteen-key board. More than one phrase is available for each key by using the system of levels, each triggered by one of four level keys. Four to sixteen levels are possible for every key on the keyboard, for a total of 64 to 256 phrases possible. When the user selects a level and a phrase key, the phrase for that key at that level is spoken by a built-in speech synthesizer. SonomaVoice is available with a keyguard having four, eight or sixteen holes, depending upon the number of keys the user needs functioning.

SonomaVoice must be programmed by the manufacturer (cost is per phrase). All phrases may be custom, or some may be chosen from a list of already programmed phrases (this second option saves some of the cost per phrase for programming). The amount of time a key must be pressed before a selection registers can also be set by the manufacturer.



Product Name: Speller Teller

Vendor: Kalashian, Al

Size: 12" x 12" x 7"

Weight:

Power Source: 6V or 12V battery

Connector Type: 1/8" mini-phone plug

Cost: $1325.00

Speller Teller is a scanning communication training aid with a dial face. Two switches are used to rotate a pointer clockwise or counterclockwise. The user releases the switch when the desired selection is made. Speller Teller comes with two different sized overlays, each containing letters, numbers, and symbols.

A number of control switches are available including palm, finger, and chin; contact the manufacturer.

No Photograph Available

Product Name: STIM-U-LITE

Vendor: Conover Company, The

Size: 12" x 12" x 5"

Weight:

Power Source: Battery

Connector Type:

Cost: $249.00

STIM-U-LITE is a communication skills training program designed to help develop attention, response, and language behavior. STIM-U-LITE is a portable light reinforcement device consisting of four colored lights (red, yellow, blue, green) which correspond directly to four colored buttons. The system provides stimulus and reinforcement with lights, and stimulates the user's senses to increase interaction with the environment.

System includes light box, error-free learning caps, shapes panel, shapes sticks, self check card, stimulus and sequencing cards, photo and drawing of light box, two word cards, and administration materials.

Product Name: Switch Latch

Vendor: Developmental Equipment

Size: 3.75" x 2" x 1"

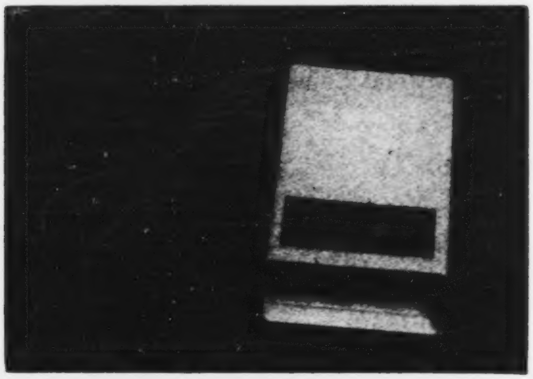
Weight:

Power Source: 8V battery

Connector Type: 1/8" mini-phone plug

Cost: $79.50

Switch Latch accepts input from a single switch, and converts it to latched on/off output. Activating the switch once turns the controlled device on. The device remains on until the switch is activated again. The Switch Latch will operate with any switch having a 1/8" mini-plug, and requires an 8 volt battery for a power source.



Product Name: Switch Latch

Vendor: TASH, Inc.

Size: 4" x 2" x 1"

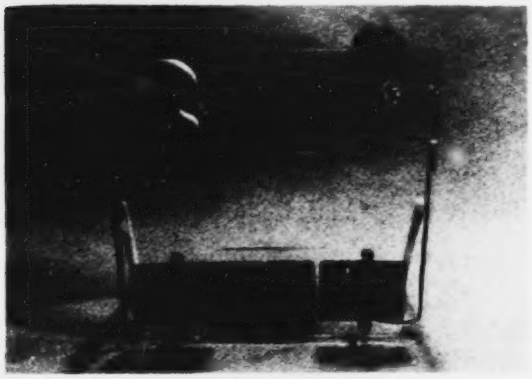
Weight: 4 oz.

Power Source: 9V battery

Connector Type: Mini-phone plug

Cost: $99.00

Switch Latch is a device that takes momentary input from a single switch and converts it to latched on/off output. Activating the switch once will turn the toy or device on. It remains on until the switch is activated again. Switch Latch is designed to be used with battery operated devices such as toys. The Switch Latch will work with any switch having a 1/8" phone jack.



Product Name: Symbol Training Display

Vendor: Developmental Equipment

Size: 18" x 18"

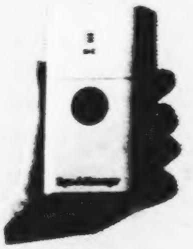
Weight:

Power Source: 4 "C" batteries

Connector Type:

Cost: $169.50

Symbol Training Display is a training device designed to teach individuals object to picture association. Cards or objects are placed in clear plastic bags which snap to the Symbol Training Display in four quadrants. Lights in each quadrant can be activated by the trainer to reinforce correct responses, or provide correction of inaccurate responses. A switch is mounted in back of the unit so that the trainer can provide additional reinforcement by activating a tape recorder or battery operated toy (extra).



Product Name: Tape-A-Message

Vendor: Crestwood Company

Size: 3" x 5.5" x 3"

Weight: 1.1 lb.

Power Source: 9V battery

Connector Type: None

Cost: $24.95

Tape-A-Message is a fifteen second continuous loop tape recorder. To record, the user holds down a button on the side of the device. The message is repeated when Tape-A-Message is picked up. The Tape-A-Message recording unit requires one 9 volt battery for operation.

Product Name: TIGERbook

Vendor: TIGER Communication System, Inc.

Size: See below

Weight: See below

Power Source: 4 "D" batteries

Connector Type: None

Cost: $75.00

TIGERbook is a electronic or non-electronic communication aid that uses bar codes. The book consists of a 3-ring binder with laminated pages. Each page contains words, pictures, and talking bar codes for each language concept, and has a protruding tab with a picture indicating the type of information on that page. The user opens to a page by pushing down on the tab and lifting. The user can communicate by pointing directly to choices, or by passing a Texas Instruments "Magic Wand" over the bar code that accompanies each choice. When the Magic Wand is passed over the code, a speech synthesizer inside speaks the word for that selection.

The TIGERbook contains 41 pages with 940 word lexicon (with a possible 1100 word lexicon) and weighs 2 lbs., 10 oz. The Magic Wand is 11" x 2" and weighs 3.1 lbs, and is included with purchase of the TIGERbook while supplies last. Custom bar codes are available, and bar codes can be photocopied. Contact manufacturer for further information.

Product Name: Timer and Counter

Vendor: Handicapped Children's Technological Services, Inc.

Size: See below

Weight:

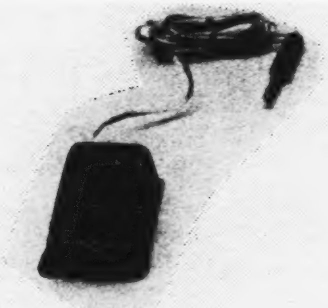
Power Source: 9V battery

Connector Type: 1/8" mini-phone plug

Cost: $75.00 + $92.00

Timer and Counter are both devices designed to teach switch operation. The Timer is a device that accepts input from one switch to control the operation of two low power devices (one of the two outputs in intended to run the Counter). The Timer can be set to control the length of time the electrical devices operate for each switch closure (from 0-90 seconds), and comes with latching and reverse options (activating a switch turns the controlled device off instead of on). The Counter is a device which, used in conjunction with the Timer, counts and displays the number of responses (switch closures) and the number of reinforcements. The Counter has two independent digital counters that can be used in any situation, usually one for reinforcements and one for other variables.

Size of Timer is 2.625" x 4" x 4.75" and size of counter is 2.875" x 6" x 5".



Product Name: Timer Module

Vendor: Steven E. Kanor, Ph.D., Inc.

Size: 2" x 3" x 1"

Weight:

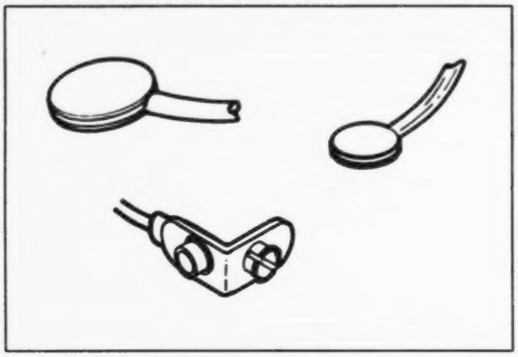
Power Source: 9V battery

Connector Type:

Cost: $42.00

Timer Module is a device that sets the amount of time that a switch-operated device will remain on after the switch is activated. The amount of time that the Module activates the device is adjustable.

Operation of the Timer Module requires a 9 volt battery. Contact manufacturer for information on types of switches and connectors applicable for the Timer module.



Product Name: Toy Adapter Cable

Vendor: Zygo Industries, Inc.

Size:

Weight:

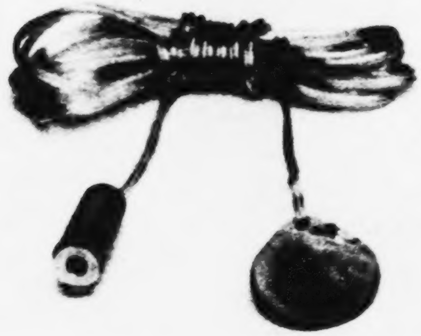
Power Source:

Connector Type: 1/8" mini-phone plug

Cost: $19.00

Toy Adapter Cable is a device that allows battery operated toys or devices to be turned on using most single switches (not included). The device consists of a cable with a jack for a single switch at one end, and a small metal plate at the other. The plate is inserted between two batteries in a battery-operated device, such as a toy, or between a battery and a battery contact. When a switch is plugged into the jack, the switch will turn the toy on and off.

Toy Adapter Cables are available for "C", "AA", and 9V transistor batteries.



Product Name: Toy Cable

Vendor: TASH, Inc.

Size: 6' long

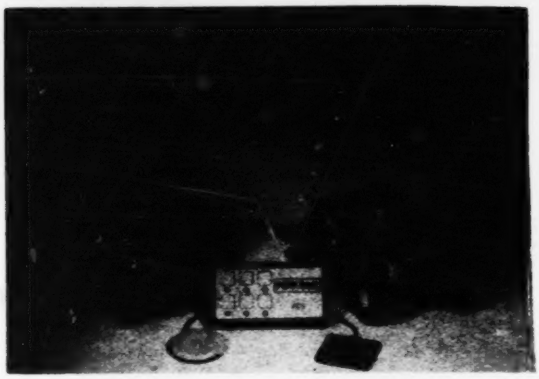
Weight:

Power Source:

Connector Type: 1/8" mini-phone plug

Cost: $8.80

Toy Cable allows a battery operated device such as a toy to be turned on using most single switches (not included). It is a cable with a small metal plate at one end and a jack for a single switch at the other. The plate is inserted between two batteries in a battery-operated device or toy, or between a battery and a battery contact. When a switch is plugged into the jack, the switch will turn the toy on and off.



Product Name: ToyPAC

Vendor: Adaptive Communication Systems, Inc.

Size: 6"x 4" x 1.5"

Weight:

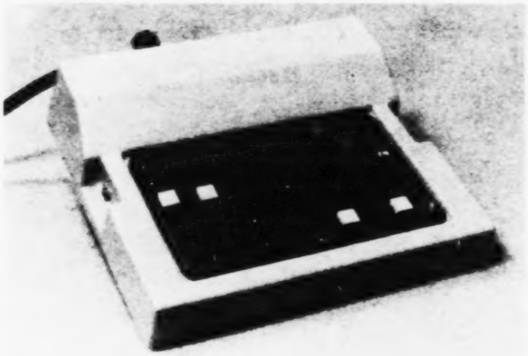
Power Source:

Connector Type:

Cost: $295.00

ToyPAC is a scanning panel that sends remote control signals to standard radio remote control toys. An array of lighted panels scans when the student activates a switch, and stops when the switch is released (manual scanning). The instructor may designate a particular position in the array as a target. If the student selects that position, a remote control toy is activated. Multiple switches or a joystick may be used for directed scanning.

Not all radio remote control toys are compatible with ToyPAC. To purchase toys or for information on which toys are compatible, contact the manufacturer.



Product Name: Training Aid 2

Vendor: Prentke Romich Company

Size: 8" x 9" x 2"

Weight: 2.75 lbs.

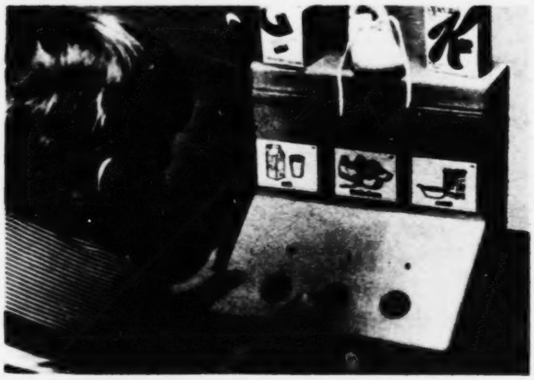
Power Source: 120V AC

Connector Type: Mini-phone plug

Cost: $490.00

Training Aid 2 is a device that allows two switches to be used to control two household current- or battery-operated devices. The Training Aid 2 has an internal clock which allows training sessions to be a set length, up to 20 minutes. During each training session, internal counters record the activations of each switch and the number of times each reinforcement was turned on. The activation of the reinforcement by the switch can be set to be momentary, latching, or timed. Only one switch and one reiforcement can be used if desired.

Switches for the Training Aid 2 must be purchased separately.



Product Name: Tri-Responder

Vendor: Crestwood Company

Size: 10.5" x 16" x 11"

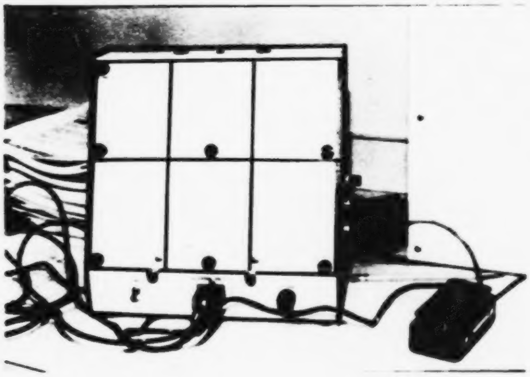
Weight:

Power Source: Battery

Connector Type: None

Cost: $142.95

Tri-Responder is a training device designed to aid students in responding to object and picture stimuli. Three stimulus picture cards and three corresponding objects may be placed on the Tri-Responder. The student responds to directions by pressing one of three large buttons which produce a buzzing sound, colored light, or both. No distinction is made between correct and incorrect responses.



Product Name: Variable Position Scanner

Vendor: Cerebral Palsy Research Foundation of Kansas, Inc.

Size: 10.5" x 10.25" x 5.5"

Weight: 10 lbs.

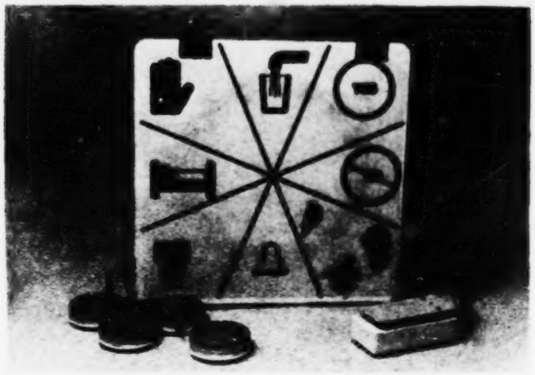
Power Source: Rechargeable batteries

Connector Type: 3.5 mm mini-phone plug

Cost: $325.00

Variable Position Scanner is a scanning communication training aid with six positions. The instructor activates the automatic scanning mode, and the lights for each position light sequentially until the student activates a single switch. The instructor must then restart the scanning. The Variable Position Scanner may be configured to scan three, four or six positions by turning a selector switch. Any desired symbols may be placed in each of the positions.

The Variable Position Scanner is designed to accommodate the Peabody Picture Vocabulary Test in the four-position mode, and the Test for Auditory Comprehension of Language in the three position mode. The system includes an AC packet and treadle switch. Contact manufacturer for detailed information on available options.



Product Name: Versascan

Vendor: Prentke Romich Company

Size: 12.5" x 11" x 3"

Weight: 4.75 lbs.

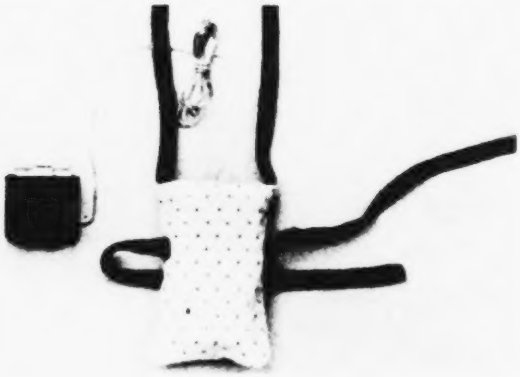
Power Source: Rechargeable batteries

Connector Type:

Cost: $699.00

Versascan is a scanning communication training aid having on its face 16 lamps arranged in a circle. When the user activates a switch, the lamps light in sequence. When the desired position is reached the user releases the switch, stopping the movement of the light. Symbols or words may be placed next to the lamps, or translucent overlays may be used that allow the lamps to shine through. Removeable colored lamp covers are provided that allow positions to be color coded. The lamps are removeable as well, so 2-16 position scanning is possible.

Optional remote lamps are available which plug into the sockets that the standard Versascan lamps plug into. These may be used to create a larger display area for scanning, such as a wall.



Product Name: Vibrating Sack

Vendor: Steven E. Kanor, Ph.D., Inc.

Size:

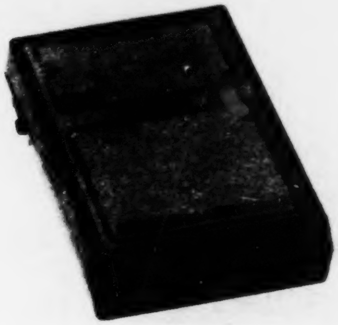
Weight:

Power Source: 1 "C" battery

Connector Type:

Cost: $35.00

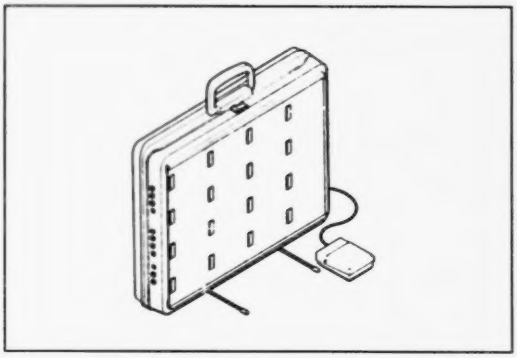
Vibrating Sack is a soft cloth bag with a vibrating unit inside. When a single switch connected to the sack is activated, the sack vibrates gently. The tactile feedback provided by the vibrating of the device can be a useful reinforcement for training young sensory-impaired children to associate cause and effect of their own actions.



Product Name: Voice Mate II
Vendor: TASH, Inc.
Size: 6" x 3.75" x 1.25"
Weight: 9.6 oz.
Power Source: 9V battery
Connector Type: 1/8" mini-phone plug
Cost: $417.50

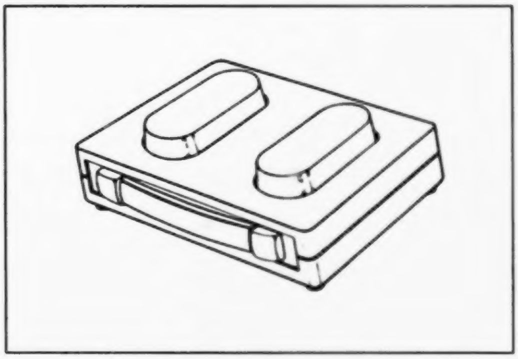
Voice Mate II is a simple communication aid that speaks "yes" or "no" in a child's voice. The voice response is activated using two single or one dual switch (two 1/8" jacks are provided). A slide switch sets high or low volume.

Voice Mate II is available with French voices upon request.



Product Name: Zygo Model 16C
Vendor: Zygo Industries, Inc.
Size: 18.5" x 15" x 3.5"
Weight: 14 lbs.
Power Source: Rechargeable battery
Connector Type: 1/8" mini-phone plug
Cost: $895.00

Zygo Model 16C is a 16-position scanning communication aid. The scanning array is a 4 x 4 grid that rests vertically. Each position has a light, and the user can scan the positions automatically (single switch, adjustable speed) or manually (single or dual switch). The array can be configured to scan with anywhere from 2 to 16 positions, and any desired overlays with the appropriate symbols and number of positions may be created. All four, one, or none of the left-hand column positions may be set to trigger an alarm.



Product Name: Zygo Model 20

Vendor: Zygo Industries, Inc.

Size: 8" x 5.5" x 1.5"

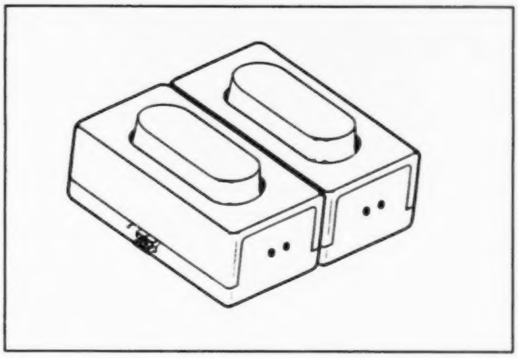
Weight: 1.25 lbs.

Power Source: Battery

Connector Type: 1/8" mini-phone plug

Cost: $200.00

Zygo Model 20 is a two-choice communication training aid. The Model 20 is a small electronic box with two large buttons that light up when pressed. The colors of the lights are red and amber, and each light has an jack to allow external switches to be used for device operation if desired.



Product Name: Zygo Model 21S

Vendor: Zygo Industries, Inc.

Size: 3.2" x 6" x 2"

Weight: 8 oz.

Power Source: Battery

Connector Type: 1/8" mini-plug

Cost: $300.00

Zygo Model 21S is a two-choice communication training aid. The system is a set of two lights, one red and one amber, each in its own housing. The lights light up when pressed. The two made be spread apart up to 3 feet or joined directly together. A jack for external switch operation is provided for each light.

Additional lights with connecting cable may be ordered.

Chapter 4

Non-Electronic Communication Aids

This chapter includes communication aids which do not involve electricity and materials used in developing a non-electronic communication system. The chapter does not include headsticks and other non-electric pointing devices since they have their own separate chapter.

Related functions found in the cross reference indexes include Conversation/Interaction(CI), Education/Training/Therapy(ET), and Assessment (AS). Symbol systems on the displays include Pictures (ISP), Blissymbols (ISS) and User Selectable Symbols (ISU).

The companies mentioned at the beginning of Chapter 2 also have products useful with non-electronic communication aids such as velcro tapes, elbow pads, wheelchair laptrays, etc. Aplix, Inc. is a source of self-gripping fasteners. Aplix, Inc. can be contacted at 12300 Steele Creek Road, P.O. Box 7505, Charlotte, NC 28217, (800) 438-0424.

Chapter 4: Non-Electronic Communication Aids

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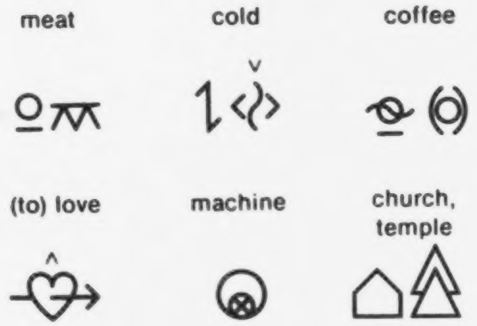
Talking Pictures Communication Board *1-57*
Talking Pictures, Kits I, II, and III *1-57*
Touch 'N Talk Communication Board *1-58*
Touch 'N Talk Communication Notebook *1-58*
Touch 'N Talk Communication Stickers *1-59*
Touch 'N Talk Micros *1-59*
Unipix *1-60*
Word Board *1-60*



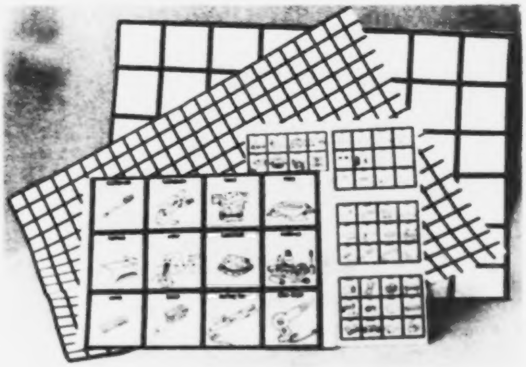
Product Name: Blissymbol Vocabulary Stamps

Vendor: Blissymbolics Communication Institute

Size: 7/8 in. or 9/16 in. squares

Cost: $21.00

Blissymbol Vocabulary Stamps are sheets of Bliss symbols printed on square, peel-back, self-adhesive labels. Each stamp is 7/8" square, and the sheets contain 108 stamps apiece. The word corresponding to the symbol also appears on each stamp. The package contains 1400 stamps and 145 of the newest symbols.



Product Name: Brighter Pathways Communication Symbols and Grids

Vendor: Brighter Pathways

Size: 18" x 24"

Cost: See below

Brighter Pathways Communication Symbols are line drawings accompanied by the appropriate words printed in 1" or 3" squares. The sheets of symbols are printed on a different color of paper depending upon the part of speech they represent. Categories of words include people and pets, special days, body parts, feelings, hygiene needs, etc. Each set includes 364 words in 15 different categories. The symbols may be cut out and pasted to communication boards, or to the grids, which may be mounted on boards. The grids provided are available on 18" x 24" sheets, and are available with 1" or 3" squares. The grids are shipped rolled, not folded.

The 3" symbols are $27.50/set; the 1" symbols are $22.50/set. Custom words are available for $3.00/word. The grids (both sizes) are 2 for $3.50.

Product Name: Choice Board

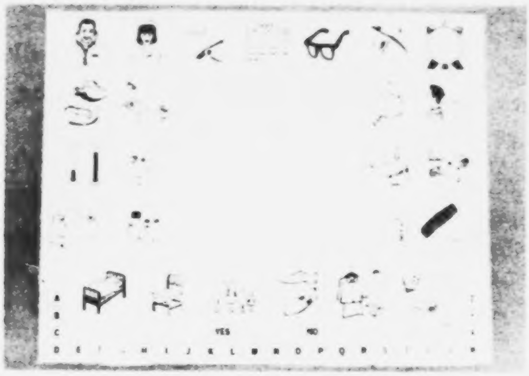
Vendor: Developmental Equipment

Size: 7" x 12"

Cost: $29.75

Choice Board is a basic theraputic tool designed to teach the concept of having a choice, as well as the concept of cause and effect. Objects and/or pictures may be placed in the four 5 x 7 inch snap-on vinyl bags. Bags may be attached to the top or bottom of the Choice Board so that the device may be used either on a table or on the floor.

Choices are made from Choice Board via direct selection. Also included with Choice Board is a manual providing therapy suggestions. An optional communication board display is also available. This display is useful in completing the transition from pointing to objects to making selections from a communication board. Extra vinyl bags (sets of four) are also available. Contact the manufacturer details.



Product Name: Cleo Communication Board

Vendor: Cleo, Inc.

Size: 17" x 22"

Cost: $22.00

Cleo Communication Board is a laminated board containing drawings suggesting various needs. The user indicates selections by pointing or by writing with a water-soluble marker. Pictures include dressing, grooming, eating and medical requests. The reverse side contains diagrams of the body for indicating areas of pain or discomfort.

Product Name: Communication Binder

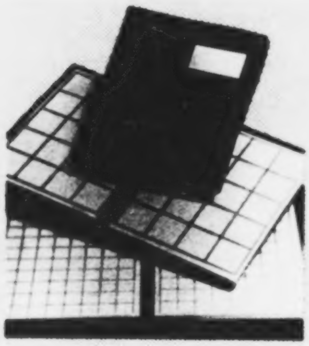
Vendor: Mayer-Johnson Company

Size: 8.88" x 11.38"

Cost: $11.00

Communication Binder is a three-ring binder containing sheets to which communication symbols can be attached. The pages are printed with blank grids of one- or two-inch squares, and have non-glare vinyl sleeves. The front cover of the binder has a pocket for an identification card.

Each binder comes with five vinyl sheet protectors with two grids each, and one extra grid sheet. Additional grids and protectors are available.



Product Name: Communication Folder

Vendor: Mayer-Johnson Company

Size: 9.5" x 11.75"

Cost: $5.00

Communication Folder is a vinyl covered folder that contains two sheets with one- or two-inch grids printed on them. Communication symbols can be affixed to the grids, which are covered with clear, non-glare vinyl pockets. A small pocket is provided on the front of the folder for an identification card.

Two spare grid sheets are provided; more are available.

Product Name: Communication Sheets

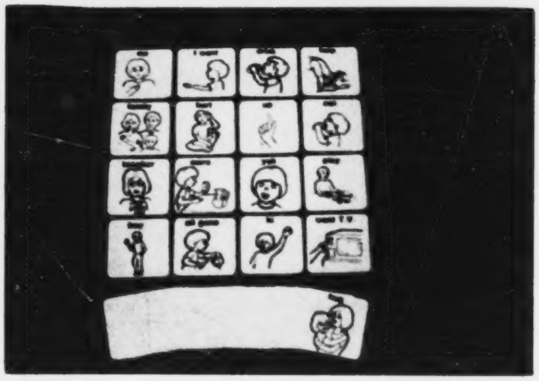
Vendor: Fred Sammons, Inc.

Size: 2" x 3"

Cost: $2.40 - $2.75

Communication Sheets are sheets of paper containing black-and-white line drawings with accompanying words. The user communicates by pointing to the desired picture.

Each package of Communication Sheets consists of ten "basic" sheets and ten "advanced" sheets. Another package (Communication Sheets II) is available with adhesive backing for application of individual symbols to communication boards (sized 1" x 3").



Product Name: Core Picture Vocabulary

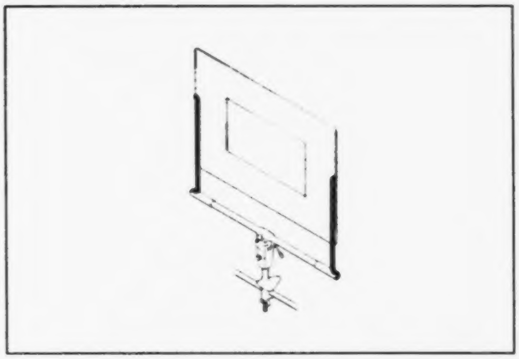
Vendor: Developmental Equipment

Size: 2.75" x 2.75"

Cost: $24.50 - $39.50

The Core Picture Vocabulary is a basic communication and training system. The set contains 80 cards depicting functional vocabulary words such as "eat," "drink," "mother," and "my." Cards in Part 1 allow the user to construct two to three word combinations representing recurrance, posession, etc. Part 2 of Core Picture Vocabulary contains an additional 80 cards depicting higher vocabulary items such as "hungry," "thirsty," "please," and "I don't know" for a total of 160 words. Written words corresponding to the message of each picture are printed on each card.

Heavy duty cards (3 x 3 in.) are available separately for $19.50 per set. Core Picture Vocabulary is also available in sticker form (1.25 x 1.25 in.) for $12.50 per set.



Product Name: Eye Transfer Communication System

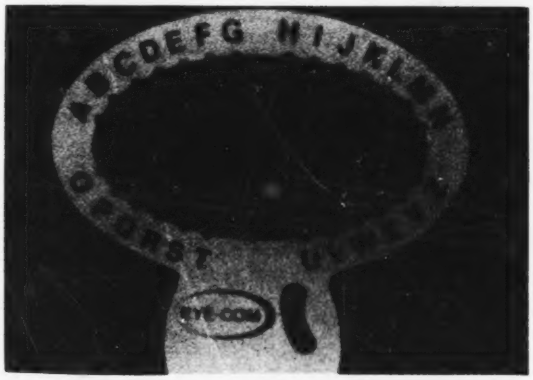
Vendor: Zygo Industries, Inc.

Size: 15" x 20"

Cost: $275.00 - $450.00

Eye Transfer Communication System is a clear plastic panel with an open area in the center. Communication symbols are placed on the panel so as to be visible from both directions. The user and the person with whom he is communicating position themselves on opposite sides of the panel, and the user conveys messages by gazing at the appropriate symbols while the other person follows his gaze.

The Eye Transfer Communication System comes with a support frame for mounting. Various combinations of mounting hardware are also available (extra).



Product Name: Eye-Com

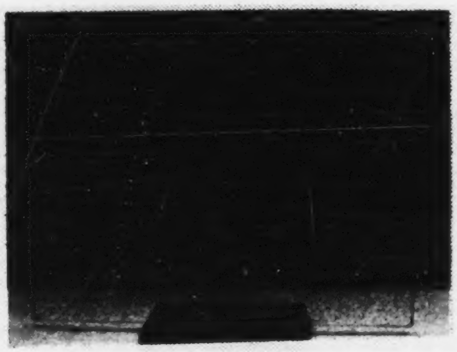
Vendor: Pitts Corporation

Size: 16" x 16"

Cost: $65.00

Eye-Com is a portable non-electronic communication aid. The operator of the device stands near the user and gazes at the user through the center of the device. The operator rotates the letter wheel until the pointer rests on the desired letter. The user then gives a signal (such as an eye blink) to signal the operator to stop. Letters are then recorded on paper by the operator, and the process is repeated until an entire word or thought is expressed.

Both right-handed and left-handed models of Eye-Com are available.



Product Name: Eye-Com Board

Vendor: Imaginart Communication Products

Size: 15" x 19" x 0.2"

Cost: $34.95

Eye-Com Board is a clear acrylic board inserted in a wooden stand. User-specifiable symbols are affixed to the board, and the user and the person with whom he is communicating sit on opposite sides of the board. The user's message is "read" by following his eye gaze. Eye-Com Board can be used for communication when pointing is not feasible, or for training augmentative communication skills.

Product Name: Fold-It System

Vendor: Developmental Equipment

Size: 3" x 4" or 7" x 9"

Cost: $14.50 - $26.50

The Fold-It system is a portable communication system that may hold any symbols that the user desires. The system consists of a cloth grid with clear vinyl square pockets attached in different arrays. Two sizes are available: 7 x 9 inch (attache) and 3 x 4 inch (wallet). A twelve and a six pocket wallet size are available.

Product Name: Foto Series

Vendor: Developmental Equipment

Size: 4" x 5" apiece

Cost: $49.50

The Foto Series is a set of cards containing color prints. The Foto Series may be used for communication or in language training activities. Three sets, "Foto Foods," "Objects/Occupations," and "Foto Actions" are available. Each set consists of approximately seventy cards, each stored in clear plastic sheets in a three-ring notebook.

Product Name: Help Me to Help Myself

Vendor: Help Me to Help Myself
Communication Aids

Size: 4.25" x 5.5"

Cost: $3.00

Help Me to Help Myself is a 50-page word and picture booklet printed on heavy stock paper and loose leaf bound. Each page of the booklet contains a line drawing of a function or object as well as the accompanying word in block and cursive letters. The user points to the appropriate item or need illustrated to convey messages. Pages in the Help Me to Help Myself booklet are color-coded to aid the user in the selection process. Supplemental charts are also available (contact manufacturer). A full alphabetic display for message spelling is also included.

Product Name: Individualized Communication Systems

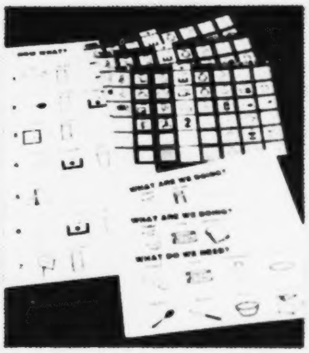
Vendor: Mayer-Johnson Company

Size: 8.5" x 11" or 11.75" x 19"

Cost: $19.00 - $25.00

Individualized Communication Systems are plastic boards with clear vinyl pockets one or two inches square. Communication symbols of any kind can be placed in the pockets, and a clear, non-glare plexiglass cover snaps on top. Each Individualized Communication System package comes with seven colors of card stock paper on which to mount communication symbols.

Individualized Communication System boards come in three types: an 8.5" x 11" board with 1" pockets, a 11.75" x 19" board with 1" pockets, and an 11.75" x 19" board with 2" pockets.



Product Name: Life Experiences Communication Kit

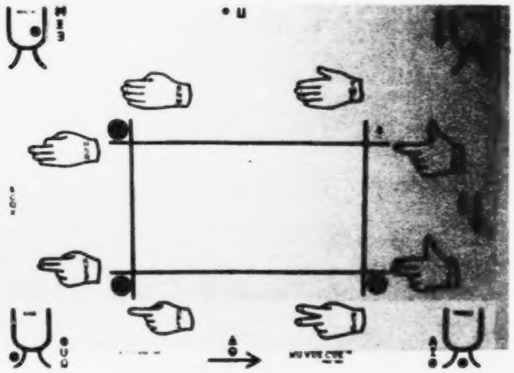
Vendor: Mayer-Johnson Company

Size: 8.5" x 11"

Cost: $39.00

Life Experiences Communication Kit provides the materials for an instructor to teach 11 separate lessons in daily life experiences to non-speech or limited speech students. The lesson plans included cover such activities as "Make Juice," or "Wash Face," or "Go Restaurant." Each lesson comes with an 8.5" x 11" Mini Communication Board with the appropriate color-coded Mayer-Johnson Picture Communication Symbols (a total of six boards; some are for more than one lesson), a step-by-step Picture Direction Sheet for the student, and an instruction sheet for the teacher.

Additional boards and symbols are available (extra).



Product Name: Nu-Vue-Cue

Vendor: R.D. Clark, Inc.

Size: 15" x 20"

Cost: See below

Nu-Vue-Cue is a clear plastic eyegaze communication system. The system is divided into eight sections: the user looks at different sections in sequence in order to select one of the forty basic phonetic sounds. Each of the sounds is represented by symbols called cue scripts, which combine eight hand symbols with four facial positions. The person receiving the message sits on the other side of the board, facing the user, and translates the accumulated phonemes into words and phrases. The user and the message receiver may maintain eye contact throughout the process, and as the system is learned, the user and the receiver may communicate without the presence of the plexiglas board.

Price of system depends on how many of the components are needed by the user; the plexiglass board is $50.00, an explanatory book for the system is $25.00, and Appledisks which train both the Nu-Vue-Cue system and standard cued speech are $50.00. Videotapes are also available to help teach the system. Contact manufacturer for details.

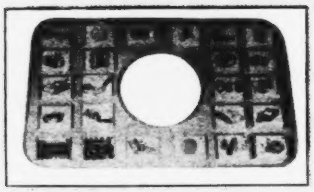
Product Name: Oakland Schools Picture Dictionary

Vendor: Developmental Equipment

Size: 0.5", 1", or 2" squares

Cost: $45.00

The Oakland Schools Picture Dictionary is a collection of over 500 simple line drawings which may be used for communication or language training. Three sizes of drawings are provided: half inch, one inch and two inch. An alphabetical and categorical index is provided so that symbols may be located quickly.



Product Name: Opticommunicator

Vendor: Crestwood Company

Size: 11" x 17.5"

Cost: $39.95

Opticommunicator is an eyegaze communication device made of transparent acrylic. The user makes selections by gazing at the location of the desired letter, word, or picture on the Opticommunicator. The receiver sits directly across from the user and watches the direction of the user's gaze through an open space in the center of the clear board. 246 picture stickers are included with Opticommunicator. A stand for the device is also included.

Product Name: PIC Word Board

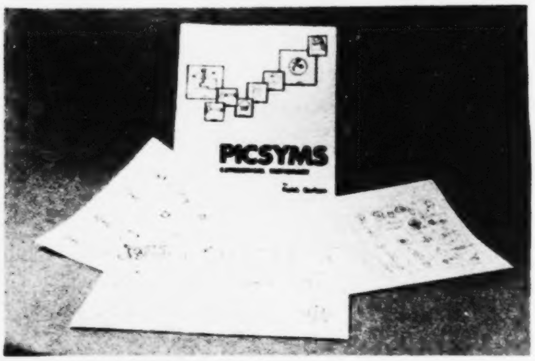
Vendor: T.H.E. Instrumentation & Publishing Company

Size: 9" x 12" or 7" x 9"

Cost: $3.95

PIC Word Boards are boards containing line drawings with accompanying words representing various basic needs or feelings. The user indicates choices by pointing to them. The PIC Word Boards are laminated for durability and protection of board surfaces.

Two different sizes of PIC Word Boards are available: the larger size is 9" x 12", and a smaller version is 7" x 9".



Product Name: PICSYMS Categorical Dictionary

Vendor: Baggeboda Press

Size: 1.25", 2", or 2.75" squares

Cost: $8.00 - 15.00

PICSYMS Categorical Dictionary is a collection of simple line drawings with accompanying words bound together in a volume. The symbols are printed on three different size grids: one with 1.2" squares, one with 1.9" squares, and one with 2.6" squares. Each of the three sets consists of over 800 symbols grouped by categories. The pages are printed on both sides, but may be copied if the user wishes to cut them up for placement on communication boards. PICSYMS are pre-printed symbols which are designed to be augmented with hand drawn symbols. Instructions and suggestions for drawing and using the symbols are provided in the volume's introduction.

Product Name: Pictogram Ideogram Communication (PIC)

Vendor: Developmental Equipment

Size: 2" cards; 5/8" x 7/8" stickers

Cost: $99.50

Pictogram Ideogram Communication (PIC) is a basic picture communication system appropriate for both children and adults. The line drawings used are white on a black background, minimizing figure/ground confusion for visually impaired users. Four hundred symbol pictures are included in the PIC kit both in two-inch cards and in 5/8 x 7/8 inch stickers. Two manuals, screening sheets, data sheets, progress reports, and a stick-on grid are included in the PIC kit.

The 400 PIC symbols are available separately in either card or sticker form for $33.00.

Product Name: Picture Communication Symbols, Book I and Book II

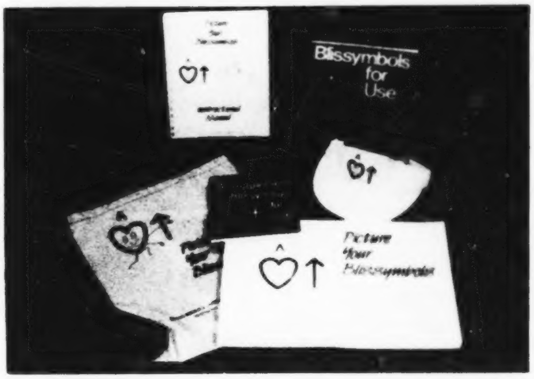
Vendor: Mayer-Johnson Company

Size: 1" or 2" squares

Cost: $45.00 - $49.00

Picture Communication Symbols, Book I and Book II are two sets of pages of black-and-white line drawings on one- and two-inch squares. Each drawing is labeled with a word; some more abstract concepts are simply represented by a word. The pages are intended to be photo-copied and cut apart so that the separate symbols can be used in non-vocal communication systems such as communication boards.

Book I contains over 700 different communication symbols, and comes with instructions and suggestions. Book II is a supplement to Book I, which contains 1,100 additional symbols, featuring such topic areas as fast food restaurants, religion, sexuality, computers, and conversational discourse phrases such as "please repeat".



Product Name: Picture Your Blissymbols

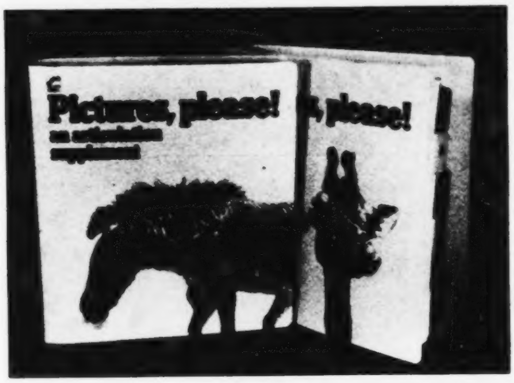
Vendor: Developmental Equipment

Size: 2.5" x 2.5"

Cost: See below

Picture Your Blissymbols is an instructional approach to Blissymbolics. Picture Your Blissymbols was designed to teach traditional Blissymbolics using embellished representations of the symbols. The embellishments represent the meaning of the Blissymbol in a more concrete manner. As the user learns the Blissymbol, the embellishment is gradually faded away. Picture Your Blissymbols comes with an instructional manual providing information on how to teach Blissymbols and on how teachers may add their own embellishments to Blissymbols

Flashcard Stamps and instructional guide are $45.00. Flashcard stamps, instructional guide, and Bliss For Use book are $60.00. Flashcard stamps, instructional guide, Bliss For Use, carrying bag, and teaching support materials are $75.00.



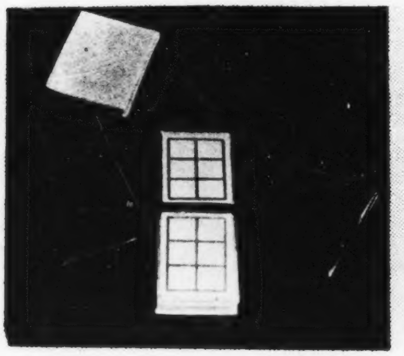
Product Name: Pictures, Please!

Vendor: Communication Skill Builders

Size: 8.5" x 11"

Cost: $39.00 each

Pictures Please! is a set of reproducible line illustrations for either language or articulation activities. The pictures are large black and white drawings on pages in a three-ring binder, which can be easily reproduced and used for games, flashcards, drills, or communication boards. Pictures Please! for language has 1,232 illustrations on 224 pages which are arranged according to five major parts of speech: nouns, verbs, prepositions, pronouns, and modifiers. Entries are coded and cross-referenced for teaching various semantic and syntactic language concepts. Pictures Please! for articulation has 1,242 pictures on 290 pages arranged for 43 different sounds, emphasizing sounds and blends that are common areas of difficulty such as /sh/, /ch/, and /r/. The Language and Articulation Suppliments are both sold separately for $39.00 each, or as a set for $69.95. Each set includes instructions, planning and activity sheets that are also reproducible.



Product Name: Pocket-Sized Communication Book

Vendor: Mayer-Johnson Company

Size: 3.2" x 4.2"

Cost: $3.00

Pocket-Sized Communication Book is a small (3.2" x 4.2") vinyl covered notebook containing four sheets printed on both sides with grids of six one-inch squares. Communication symbols can be affixed to the pages, which come with clear, non-glare vinyl protectors.

Additional grid pages are available (extra).

Product Name: Porta Book

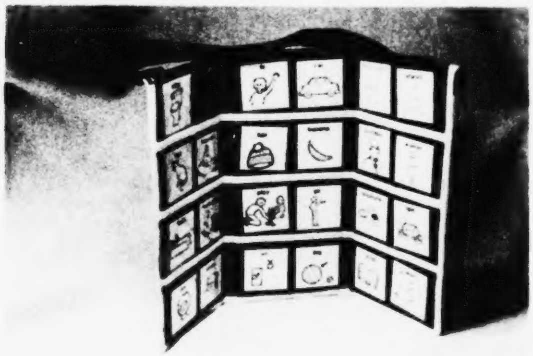
Vendor: Crestwood Company

Size: See below

Cost: $3.95 - $8.25

Porta Book is a folding communication aid that contains picture symbols and their corresponding words. Porta Book is available in three sizes. The Small Porta Book holds up to sixteen picture cards (4" x 3.5"); the Large Porta Book holds up to 36 picture cards (9" x 4.5"); and the Deluxe Porta Board, a sturdy lightweight board, holds two large symbol sheets, one on each side.

Large page clips (extra), to aid in turning pages, are available for the Porta Books.



Product Name: Portable Communication Boards

Vendor: Developmental Equipment

Size: 15.5" x 7.5"

Cost: $22.50 - $35.50

Portable Communication Boards are folding communication systems designed for organizing picture symbol cards. Two sizes are available: one holding 48 cards, the other holding sixteen. The larger tri-folder communication board measures 15 1/2" x 7 1/2" while folded, and 15 1/2" x 22 1/2" when open. The smaller version of the board measures 15 1/2" x 7 1/2". Spaces are designed to hold communication cards of up to 3 inches square.

Product Name: Practice Communication Cards

Vendor: Mayer-Johnson Company

Size: 5" x 7"

Cost: $24.00

Practice Communication Cards are 5" x 7" notecards with a line drawing on the front and a target word on the back. The cards are designed to be used as flash cards, i.e., the instructor shows the student a card, and the student tries to make the target response. A set consists of 135 cards that test 42 words commonly used on communication boards. Instructions and suggestions are included.

No Photograph Available

Product Name: Prism Communication Tray

Vendor: Variety Village Electrolimb Production Centre

Size: 22.6" x 12.75" x 1.75"

Cost: $1,100.00

The Prism Communication Tray is designed to increase user independence and vocabulary display space. It provides the user with independent access to three sides of nine internally mounted removable prisms allowing a total of approximately 540 7/8" square spaces for alphabet, words, pictures or symbols. The prism set is advanced 120 degrees each time that the user depresses the externally mounted switch. The Prism Tray can be mounted on a wheelchair lap tray. The top cover is made of rigid durable clear plastic sheeting material that is fastened to the main body housing by four quarter turn screws. This prevents moisture from entering the tray and allows easy access to the prisms to modify the vocabulary for the user or replacement of the internally mounted D size batteries that power the unit.

Product Name: Talk Board

Vendor: T.H.E. Instrumentation & Publishing Company

Size: 20" x 22"

Cost: $76.00

Talk (Tabletop Alternative Language Key) Board is a non-electronic communication aid using eye gaze. The user and the person with whom the user is communicating sit on opposite sides of the vertical clear plexiglass board. The user gazes at symbols or words placed on the board, and the other person interprets the message by following the user's eye gaze.

Product Name: Talking Paddles

Vendor: Crestwood Company

Size:

Cost: $10.95 - $19.95

Talking Paddles are small, simple communication aids with symbols or letters on them. The user points to the desired selection to communicate. Three levels of Talking Paddles are available. Level 1 consists of two paddles, one with a smiling face and the other with a frowning face to indicate "yes" or "no." Level 2 consists of one paddle with the smiling face, the frowning face, and a question mark on one side, and the words "yes" and "no" and the question mark on the other side. Level 3 consists of one paddle with the the alphabet on one side and areas for symbol stickers on the other side. Ninety-six stickers are provided with Level 3. Wheelchair mounts are available.

Product Name: Talking Pictures Communication Board

Vendor: Crestwood Company

Size: 11" x 17.25"

Cost: $23.50

Talking Pictures Communication Board is a portable communication board that comes with nearly 200 symbol stickers and fifty blank stickers from which a vocabulary may be developed. The Talking Pictures Communication Board may have symbols applied to both sides, and two heavy vinyl envelopes to hold the board are provided.

Product Name: Talking Pictures, Kits I, II, and III

Vendor: Crestwood Company

Size: 2.5" x 3.75"

Cost: $19.95 - $35.95 each

Talking Pictures, Kits I, II, and III are sets of cards with a word and line drawing, organized by different categories of living needs. Kit I - Survival Living Needs is a set of 115 picture cards divided into eight classifications of living needs (room, bathroom, health, aids, food, clothing, people, and miscellaneous). Stickers from this kit are available for $7.75. Kit II - Community Living Needs is a set of 220 cards in nine categories (people, transportation, places, interests, money, signs, weather, school/office equipment and activities). Kit III - Daily Living Needs is a set of 220 cards divided into eleven classifications (parts of home, furniture, kitchen, clothing, clothing, grooming, food and beverages, fruits and vegetables, home activities, communication, and outside the home). On the reverse of each card in each kit, the words are listed in five languages: English, Spanish, German, French, and Italian.

Included are 10-20 vinyl envelopes on a metal ring, and a vinyl cord to secure the picture set to a bed or wheelchair. Kit I is $19.95 and Kit II and III are $39.95 each.

Product Name: Touch 'N Talk Communication Board

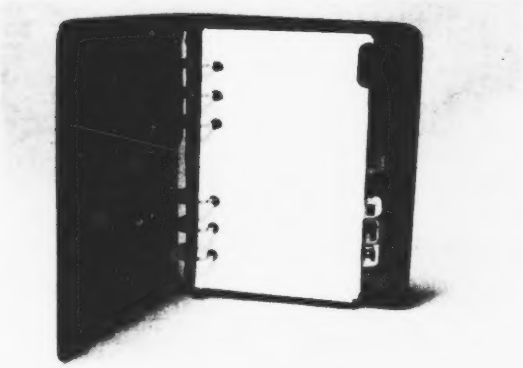
Vendor: Imaginart Communication Products

Size: 11" x 14" or 14" x 19"

Cost: $11.95 - $16.95

Touch 'N Talk Communication Board is a rigid, waterproof, matte finish white plastic board. Touch 'N Talk stickers or other user-specifiable symbols can be affixed to the board for direct-selection communication through pointing. The board can also be written on with marking pen.

Touch 'N Talk Communication Boards are available in two sizes. Transparent slip-on vinyl covers are available for both (extra). A Touch 'N Talk Tote Board, the same basic design but with a built-in handle, is also available in the same two sizes.



Product Name: Touch 'N Talk Communication Notebook

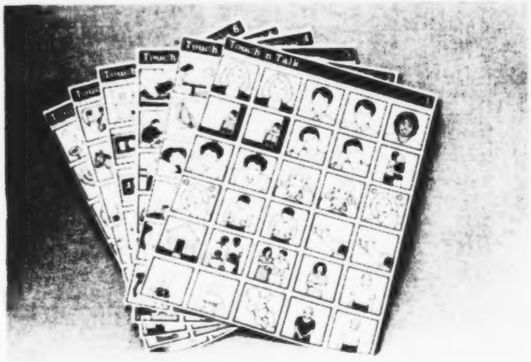
Vendor: Imaginart Communication Products

Size: 7" x 5.75"

Cost: $16.95

Touch 'N Talk Communication Notebook is a small looseleaf binder with blank pages. User-specifiable symbols such as Touch 'N Talk stickers can be affixed to the pages for communication through pointing. Sections are separated by dividers with color tabs on them. Each tab contains a graphic symbol for a category of message (food, people, feelings, etc.).

Extra blank pages are available for the Touch 'N Talk Communication Notebook (extra).



Product Name: Touch 'N Talk Communication Stickers

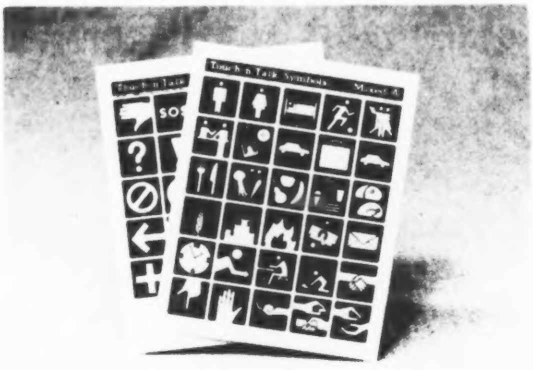
Vendor: Imaginart Communication Products

Size: 1.5" x 1.5" each

Cost: $17.95

Touch 'N Talk Communication Stickers are 1.5" square stickers, each containing a black-and-white drawing suggesting some message or unit of a message to be communicated. The adhesive on the back of the stickers is made to adhere to and be peeled off of plastic surfaces such as communication boards. One set contains 420 stickers, divided into categories such as feelings, family and friends, clothing, etc. Doubles are provided of the most commonly used symbols.

A Touch 'N Talk Supplement of an additional 180 stickers is also available for $9.95. Both sets together are $22.95.



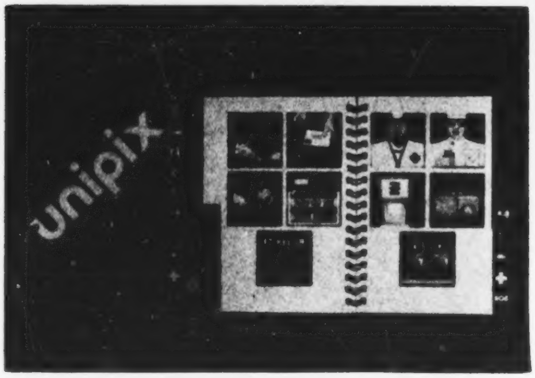
Product Name: Touch 'N Talk Micros

Vendor: Imaginart Communication Products

Size: 0.6" x 0.6" each

Cost: $22.95

Touch 'N Talk Micros are smaller (5/8" square) versions of the Touch 'N Talk Communication Stickers designed to be affixed to the keys of electronic communication devices. These stickers can be used to indicate which keys have been programmed to speak an entire word or phrase. Included in the 660-sticker set are Touch 'N Talk Symbols: less specific graphic emblems that can be used to identify broad categories or abstract ideas.



Product Name: Unipix

Vendor: Imaginart Communication Products

Size: 4.5" x 6"

Cost: $8.95

Unipix is a spiral bound 58-page notebook containing 265 color illustrations to be used for communication. These 1.5" square pictures pertain particularly to common messages that individuals need to communicate in order to cope with their environment. Sections of the Unipix book are marked by color tabs labeled with both words and symbols.

Product Name: Word Board

Vendor: T.H.E. Instrumentation & Publishing Company

Size:

Cost: $.95

Word board is a white board containing printed words in a grid. The user communicates by pointing to choices. A letter board is also included. Its choices are laid out according to the pattern of a standard computer keyboard.

Chapter 5

Electronic Communication and Writing Aids

This chapter contains dedicated electronic conversation and writing aids. Aids must allow at least 32 distinct selections (enough for the alphabet and a few controls) to be included. Single speed linear scanners do not qualify since their speed places a practical limit on the number of selections, and will be found in Chapter 4, Training and Communication Initiation Aids. Software programs that are sold separately from their computers (e.g., not packaged as a whole with the computer) would not be listed here, but would be listed in the Personal Tool or Aid Software chapter of Book 3 (chapter 13). Computers and software that are sold only as a complete package and are designed specifically for communication would be listed here.

Related functions found in the cross reference indexes include Conversation/Interaction (CI), Portable Writing (PW), Alternate Input to a Computer (TW), Word Processing (WP) and Environmental Control(EC).

Appendix A includes information on Portable Typewriters (useful as portable writing systems), Battery Operable Printers (used with voice output communication aids to provide printed output),Service Centers, Selected Bibliography on Videotapes on Augmentative Communication and Computer Access, Newsletters and Publications, and Additional Information Resources.

Chapter 5: Electronic Communication and Writing Aids

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Product Name: AllTalk

Vendor: Adaptive Communication Systems, Inc.

Size: 16" x 20" x 2" or 10" x 15" x 2"

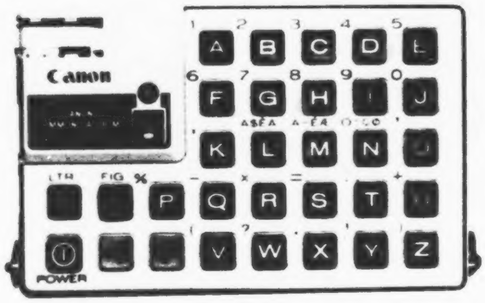
Weight: 10 lbs.

Power Source: Rechargeable batteries

Cost: $3,995.00 or $4,995.00

AllTalk is a human voice output communicator and training aid. AllTalk's membrane keyboard may be programmed to have from one to 128 positions. Voice output for each position is programmed by touching the position and speaking the desired phrase into a microphone. AllTalk stores the phrase by digitally encoding it (the voice is not synthesized), and words in any language, sounds, and music may be recorded and played back, as on a tape recorder. When the user presses a programmed position, the programmed sound or speech is played back. All words, phrases, or sounds may be changed at any time by simply repeating the programming procedure. The user may design overlays in any desired manner to correspond to programmed messages. The size of each area of selection is also definable. Voice programs may also be stored on any standard cassette player for access at a later time.

AllTalk comes with a 600 word memory ($3,995.00) or an expanded 1200 word memory (4,995.00). AllTalk is available in two sizes, 16" x 20" x 2" and 10" x 15" x 2".



Product Name: Canon Communicator M

Vendor: Canon U.S.A., Inc.

Size: 3.3" x 5.2" x 1.2"

Weight: 8.8 oz.

Power Source: Rechargeable battery

Cost: $395.00

The Canon Communicator M is a portable communication aid that offers 190 keyboard functions and printed tape output. The A, B, C, D, and E keys may be used to store words or phrases of up to 19 characters each. Messages or phrases stored may be changed at any time by the user. The Canon Communicator M may be used as an alternate input to a computer with a serial interface. Output from the Canon Communicator M is to a thermal dot printer. Input is made via direct selection.

Keyguards, wheelchair mounting, raincover, arm belts, and other accessories are available for the Canon Communicator M.

Product Name: Dvorak One-Hand Typewriter

Vendor: Typewriting Institute for the Handicapped

Size:

Weight: 26 lbs.

Power Source: 120V AC

Cost: $1,795.00

Dvorak One-Hand Typewriter is an IBM Correcting Selectric III with an altered keyboard layout. The layout used is the Dvorak one-hand layout, which distributes the typing load more evenly amongst the fingers of a one-handed typist than does the standard layout.

An optional device called Shift-Easy is available (extra). Shift Easy allows the typist to hold down the shift key with the thumb or palm while leaving the fingers in the home row.

No Photograph Available

Product Name: Equalizer

Vendor: Words+, Inc.

Size:

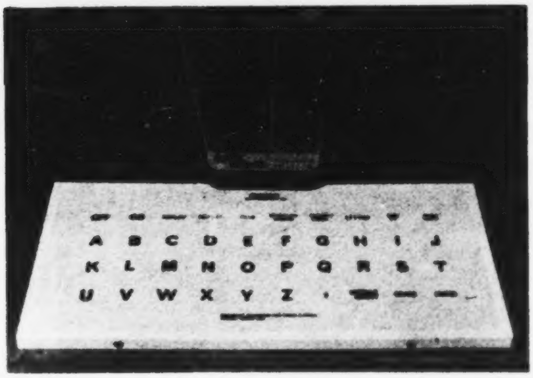
Weight: 19 lbs.

Power Source: Rechargeable batteries

Cost: $3995.00 - $5575.00

Equalizer is a portable communication and writing aid based on a portable computer with LCD screen display. The computer has 256K of RAM, a 720K disk drive, and can drive a printer (included). A speech synthesizer is also included as part of the hardware package. The software includes a word processing program, a system for voice output (so that text entered may be spoken), and a drawing system.

Various forms of input including single switch can be used to run the software for the Equalizer. Contact the manufacturer for details.



Product Name: Expanded Keyboards for Speak N' Spell

Vendor: EKEG Electronics Company LTD

Size: 12" x 24" x 0.75"

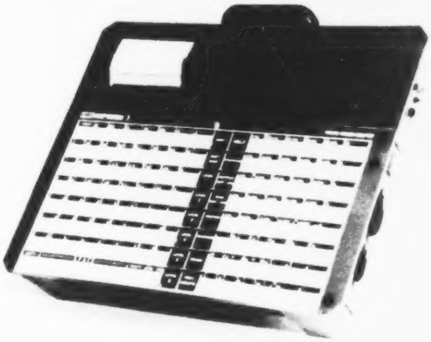
Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $375.00

These expanded keyboards are designed to connect to the Texas Instruments series of talking learning aids. They offer the same selection of keys as the TI devices, but have membrane surfaces and 2" key areas.

Three keyboards are available: the Speak & Read, the Speak & Spell, and the Speak & Math. All come complete with the TI learning aid as well as the keyboard.



Product Name: Express 3

Vendor: Prentke Romich Company

Size: 18.5" x 14.5" x 3.5"

Weight: 9.5 lbs.

Power Source: Rechargeable batteries

Cost: See below

Express 3 is a microprocessor-based communication aid offering written or optional speech output. Words, phrases, or groups of phrases may be programmed into the Express 3's memory by the user. Express 3 has an 8 by 16 matrix, and may be operated by direct selection, row/column scanning, directed scanning, or encoding. Express 3 has 99 user programmable levels, each having no limit to the length of storage (up to 8,000 characters total). Express 3 comes with a 40 character line printer, a 40 character upper/lower case LCD display, and an alarm call signal.

Express 3 has a user-programmable vocabulary and accepts all Prentke Romich control interfaces. Options for Express 3 include a remote display, a video display/text generator, speech output, and a keyboard interface for access to standard computers (all extra). EXPRESS 3 IS CURRENTLY BEING PHASED OUT AND REPLACED by Touch Talker (see entry, Prentke Romich), which is available with Express 3 or Minspeak firmware. Parts and service will still be available.

Product Name: EyeTyper

Vendor: Sentient Systems Technology, Inc.

Size: 23" x 9" x 9"

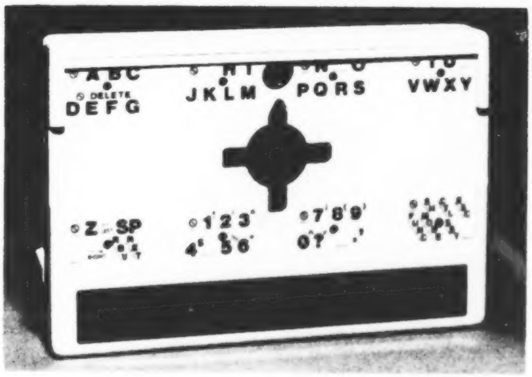
Weight: 15 lbs.

Power Source: 12V battery

Cost: $8,000.00, see below

EyeTyper is an electronic keyboard controlled by eyegaze. The user gazes at the desired letter or command to select items. Characters selected appear on the display and can be spoken by a speech synthesizer, printed on a printer, or sent to a microcomputer as input.

NOTE: Eyetyper is being discontinued by Sentient Systems and replaced by the model Eyetyper 200. See separate entry by Sentient Systems Technology.



Product Name: EyeTyper Model 200

Vendor: Sentient Systems Technology, Inc.

Size: 8" x 12" x 3"

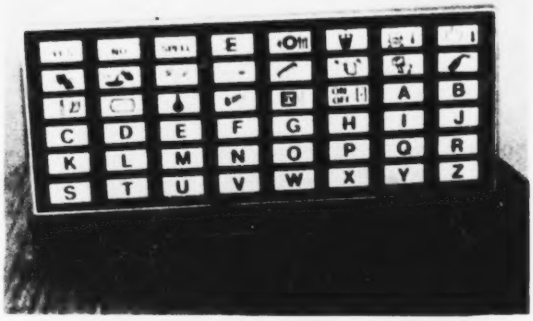
Weight: 3 lbs.

Power Source: Rechargeable batteries

Cost: $2,995.00

EyeTyper Model 200 is an electronic keyboard and portable communication aid controlled by eyegaze. The device is placed 11" in front of the user's eyes; the user then selects letters, numbers, or commands by gazing at the appropriate positions. Longer units may be typed using two gaze combinations. Vocabulary can be programmed by the user with the eyes, from an external keyboard, or by loading from an Apple or IBM disk. Text the user constructs is displayed on a 40-character LCD display and spoken by a built-in speech synthesizer. Overlays can be purchased or custom made.

Options for the EyeTyper Model 200 include a printer, an external display, and an external keyboard for programming keyboard configurations. A built-in keyboard emulating interface is provided so the EyeTyper 200 can be used as an alternate computer keyboard, as well as an environmental control system.



Product Name: Flexcom

Vendor: Furalletech Systems, Inc.

Size: 34" x 18"

Weight: 30 lbs.

Power Source: 120V AC

Cost: $2,756.00

Flexcom is a scanning communication aid with a grid array. A single switch is used to activate an infrared transmitter which then remotely operates Flexcom, at a distance of up to 15 ft. Flexcom's grid has 48 positions (6 x 8), but the positions can be grouped in twos or threes, allowing for 24- or 16-position scanning. Scanning may be automatic or row-and-column. The surface is designed to have overlays applied and removed. Various educational and game programs can also be executed with Flexcom. Output from Flexcom can be simply a "beep" when a selection is made, or an alarm (alarm can be deactivated if desired). Scanning speed and beeping time are adjustable. With proper interfaces, output can be made to a printer or a computer. With optional control devices (extra), Flexcom can be used to turn on and off up to eight electrical appliances.

Product Name: Handy Terminal

Vendor: Canon U.S.A., Inc.

Size: 4" x 8.25" x 1.3"

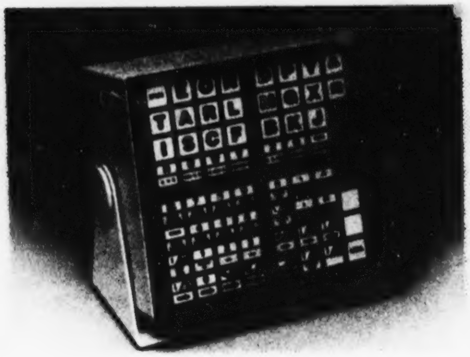
Weight: 1.3 lbs.

Power Source: Rechargeable battery

Cost: $550.00 - $900.00

Handy Terminal is a hand-held computer terminal. Handy Terminal can be used to handle and print out data, and to communicate with other computers either directly via its RS-232C interface or over telephone lines if used with optional modem system (extra). Handy Terminal runs BASIC programs written for the Canon AS-100 microcomputer. Different keyboard overlays can be created to correspond to the programming of the keys; entry may be alphabetic or by phrases or commands. An attachable miniature printer is available, and the main unit has a 40-character LCD display. Messages can also be typed directly in and printed out.

Options for the Handy Terminal include a bar code reader, an acoustic coupler, and an extra RAM memory pack.



Product Name: ICOMM

Vendor: Intex Micro Systems Corporation

Size: 14" x 12" x 5"

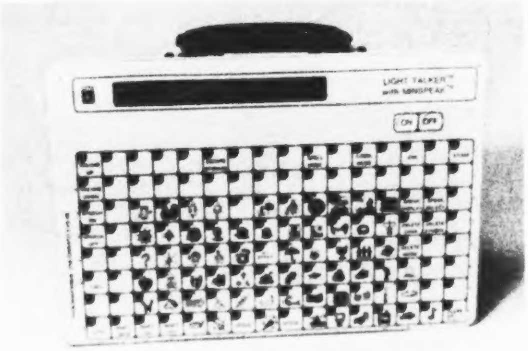
Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $2,495.00

ICOMM is a single switch scanning communication aid with 64 message/symbol locations and sixteen scanning speeds. Six modes of operation are available on the ICOMM: lower case typing, all caps, first letter capitalized, control character, phrase, and local. The phrase mode uses single characters to call up pre-programmed phrases (custom programmed at factory). The local mode allows the user to adjust the scanning rate, adjust baud rate of either serial port, and communicate simple needs by Morse Code. ICOMM contains a built-in speech synthesizer with unlimited vocabulary, automatic inflection control, and pre-programming of up to 2000 characters worth of messages.

Output from ICOMM can be made through the speech synthesizer, to a printer, and to a computer (serial ports for both are provided). ICOMM is available without the speech synthesizer.



Product Name: Light Talker

Vendor: Prentke Romich Company

Size: 13" x 8.9" x 2.8"

Weight: 5 lbs.

Power Source: Rechargeable batteries

Cost: $2,590.00 - $3,390.00

Light Talker is an electronic communication aid with synthesized speech output and optional printer or keyboard output. Selection can be direct, with an Optical Headpointer, or scanning, with switches (all extra). Automatic scanning (single switch), row-and-column scanning (dual switch), and directed scanning (multiple switches) are all possible, as well as morse code input (two or three switches). The Light Talker can be used with either Express or Minspeak firmware (Prentke Romich; price varies). Express allows vocabulary to be stored with level (128 locations on 99 levels), abbreviation expansion, and number encoding techniques. Minspeak allows vocabulary to be stored by abbreviation expansion or semantic compaction (see glossary). Light Talker can also operate an environmental control system. Options for the Light Talker include an external printer, a keyboard emulating interface for the Apple II family or IBM-PC (see Keyboard Emulator, Prentke Romich), and the Memory Transfer Interface, which allows vocabulary sets to be stored on Apple diskette. Kits are also available to convert the keyboard to 8 or 32 positions (rather than 128).

Product Name: Lightwriter

Vendor: Zygo Industries, Inc.

Size: 13" x 12" x 4"

Weight: 5 lbs.

Power Source: Rechargeable batteries

Cost: $1,995.00

Lightwriter is a portable electronic communication aid with dual 20-character LED display, 24-column roll paper printer, and optional voice output. The user enters text on the device's keyboard and it scrolls across the two displays, one that faces the user and one that faces the opposite way. The text can also be printed on the printer or spoken by the speech synthesizer. Lightwriter comes with 20 stored commonly used phrases, 6 stored common words, and instructions in permanent memory. Ten user-programmable memory keys are also provided. Nine accept up to 50 characters; the tenth accepts 395 for note taking. The time any key must be depressed in order to activate it is adjustable, as is the volume of the audible feedback (click) that accompanies each key activation.

A keyguard is available for Lightwriter (extra). Cost of Lightwriter will vary depending upon whether the voice output option is ordered.

No Photograph Available

Product Name: Living Center III

Vendor: Words+, Inc.

Size:

Weight:

Power Source: 120V AC

Cost: $2,667.00 - $3,539.00

Living Center III is a complete system for word processing, computing, and communication. The system incorpoates a personal microcomputer (IBM-PC or PCjr compatibles, or Apple IIe or IIc) and special software that allows many functions to be performed using only a single switch for input. Functions that can be so performed include: speaking through a speech synthesizer, word processing, playing games, composing music, drawing, controlling appliances, and calculation. Stored vocabulary and phrase lists are the primary means for constructing sentences; however words can also be added or deleted using a spelling option.

The cost of the Living Center III depends upon the type of computer and the software ordered. Complete systems are available with computer, printer, speech synthesizer, input system, and software.

No Photograph Available

Product Name: Mini Talking Card Reader

Vendor: Crestwood Company

Size: 6" x 5" x 2"

Weight: 14 oz.

Power Source: 4 "AA" Batteries

Cost: $59.95

Mini Talking Card Reader is a hand-held device that records and plays back strips of audio tape attached to cards. Audio tape with adhesive backing is placed on a card, photo, etc. The card is then placed in a slot of the Reader, which can either record or play back the tape's contents. Two seconds of sound fit on each inch of applied tape. Applications include answering the phone (introductory and emergency messages), relaying a small set of messages, and calling for help.

No Photograph Available

Product Name: Minspeak 1

Vendor: Prentke Romich Company

Size: 18.5" x 14.5" x 3.5"

Weight: 11 lbs.

Power Source: Rechargeable batteries

Cost: See below

Minspeak 1 is a portable electronic communication aid with synthesized speech output and optional printer or computer keyboard output. Selections are made directly, by depressing keys on a membrane keyboard. Minspeak 1 allows vocabulary to be stored by the technique of semantic compaction (see glossary). Minspeak 1 can also be used to operate an environmental control system.

Options for Minspeak 1 include a printer, a keyboard emulating interface, and the Memory Transfer Interface, which allows vocabulary to be stored on diskette on an Apple computer. MINSPEAK 1 IS CURRENTLY BEING PHASED OUT AND REPLACED by the Light Talker and the Touch Talker (Prentke Romich; see entries). Parts and service will still be available. Contact Prentke Romich for details.

Product Name: PACA (Portable Anticipatory Communication Aid)

Vendor: Zygo Industries, Inc.

Size: 11.4" x 8.5" x 1.75"

Weight: 4 lbs.

Power Source: Rechargeable batteries

Cost: Contact manufacturer

PACA (Portable Anticipatory Communication Aid) is a scanning communication aid with a 24-column printer and optional voice output. The software of the PACA provides for person-to-person communication, note taking, writing, and calculation. Selection arrays are presented on a changeable LCD display. Their contents are determined by a set of anticipatory, or predictive, routines which improve the efficiency of letter and word selection by ranking selections according to their frequency of use by the particular user. Once the user begins spelling a word, the PACA offers the user those words most likely to be chosen, and organizes the scanning alphabetic keyboard by the most likely following letters. The PACA's memory can hold up to 750 words, and a microcassette storage unit is provided for backup. Scanning may be automatic (single switch, adjustable speed) or row-and-column (dual switch). An audible call signal is provided.

The PACA has an RS-232 serial port for sending text to an external speech synthesizer.

Product Name: PhotoPAC/EvalPAC

Vendor: Adaptive Communication Systems, Inc.

Size: 14.75" x 8.5" x 1.75"

Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $3,995.00

PhotoPAC, also known as EvalPAC, is a communication aid with synthesized voice output based on the Epson HX-20 portable computer. PhotoPAC is designed to be operated using several different selection techniques: standard keyboard, expanded keyboard, scanning (single switch), directed scanning (joystick), light pointer (direct selection), and morse code (single or dual switch). The words or phrases spoken when each position is selected may be programmed, and up to 15 programming patterns, each with its own vocabulary and selection technique, can be stored on separate levels and recalled when needed. Individual overlays may be created for each programmed level; alphabetic and blank overlays are provided. The message the user creates may be displayed on the LCD display, printed on a built-in roll paper printer, and spoken by a speech synthesizer.

Various peripheral devices are provided with the package. Options for the PhotoPAC are the same as those for the ScanPAC/Epson (see entry). The system can be configured with the scanning array separate from or on top of the keyboard surface.

Product Name: Portable Pocket Typewriter/Computer

Vendor: Crestwood Company

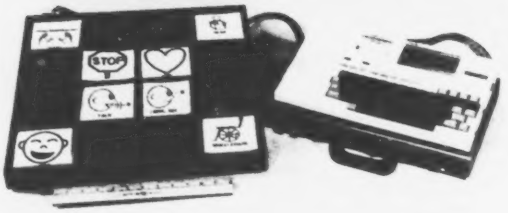
Size: 6.75" x 3.75" x 1"

Weight: 2.25 lbs.

Power Source: Rechargeable battery

Cost: $154.95

The Portable Pocket Typewriter/Computer is a small communication aid with an eleven character display and a built-in printer. Short messages may be typed on the display, and longer messages may be printed out in their entirety for viewing. A capacity for 2K of memory is available for messages, which allows temporary storage of phrases for use while device is in operation.



Product Name: Portable Voice II

Vendor: Words+, Inc.

Size: 12" x 8.5" x 4"

Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $1,975.00 - $2,275.00

The Words+ Portable Voice II is a communication system based on the Epson HX-20 notebook computer, a battery-powered voice synthesizer, and an expanded keyboard or external switch. Words+ Portable Voice II provides visual, printed, or spoken output of words and sentences. An abbreviation expansion routine is provided, and entire sentences may be stored and recalled by entering a number code.

For the external switch version, Morse code is used to make selections. The expanded keyboard version may function with or without the auto-repeat feature. The expanded keyboard version may also use any symbol system or other key identification desired by the user.

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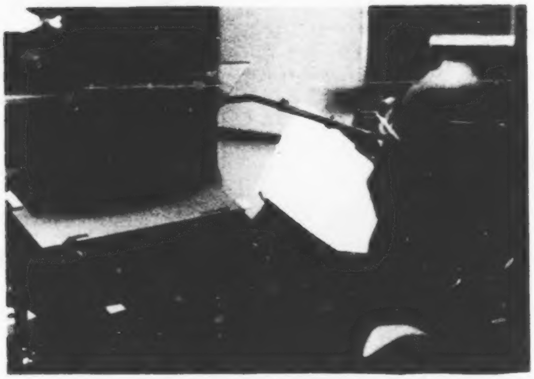


Product Name: Quad-Independence Typewriter-Printer System

Vendor: Extensions for Independence

Size: 17.25" x 15.5"

Weight:

Power Source: None

Cost: $696.00 - 1250.00

Quad-Independence Typwriter-Printer System is a Brother Compactronic 58 daisy wheel electric typewriter outfitted to be operated using no more than a mouthstick or non-functional hand. The Easy-Load-a-Paper system provided allows the user to load paper into the typewriter. Extended levers and other adaptations allow the user to perform such functions as changing ribbon cartidges and daisy wheels.

The system comes with a Brother IF-50 Computer Interface, which allows the typewriter to be used as a printer for a computer.

Product Name: Say-It-All and Say-It-All Super Plus

Vendor: Innocomp

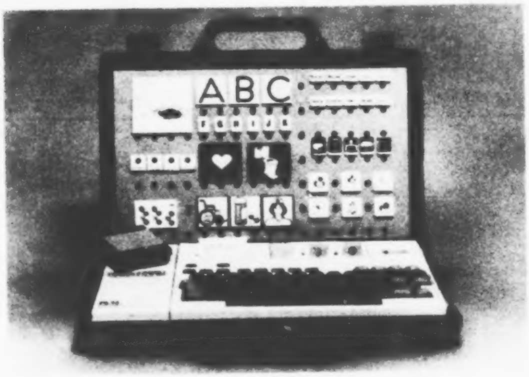
Size: 13" x 7" x 2"

Weight: 4.5 lbs.

Power Source: Rechargeable batteries

Cost: $950.00 - $1350.00

Say-It-All is a portable communication aid that provides synthesized voice output of words and phrases typed in on the keyboard. Words are typed in letter by letter, and can entered in standard or phonetic spelling. Say-It-All's keyboard is a continuous flat plastic surface with key areas marked on it. Say-It-All Super Plus is similar to Say-It-All, but has some additional features. A repeat key allows the last phrase spoken to be repeated as many times as necessary. Another key switches the device to an expansion mode in which single keystrokes can produce full words or phrases. The Super-Plus comes with a user programmable vocabulary of 128 phrases; custom phrases can be added. Both Say-It-All versions have an RS-232 port for output to many printers. Options available from the manufacturer include a shoulder strap, a finger position overlay, a volume amplifier, and portable external printer (all extra).



Product Name: ScanPAC/Epson

Vendor: Adaptive Communication Systems, Inc.

Size: 14.75" x 8.5" x 1.75"

Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $3,695.00

ScanPAC/Epson is a scanning communication aid with synthesized voice output based on the Epson HX-20 portable computer. Input to ScanPAC can be made on its keyboard, or with single switch, joystick, or single or dual switch morse code. Messages created appear on an 80-character LCD display, and can be printed on the built-in printer and spoken via a built-in speech synthesizer. The scanning array has 112 programmable positions. Up to fifteen different scanning arrays, each with its own vocabulary, can be created, stored, and recalled. Which lamps will scan and the location/size of the symbols are programmable as well. An abbreviation expansion program is provided. Block scanning of entire rows, then eight, four, and finally one location may also be performed. Scanning rate is also user-adjustable. Options for ScanPAC include a program called MathPAC which provides a speech-output calculator; Monitor, which allows a video monitor to be used for output; an Apple IIe keyboard emulator which allows ScanPAC or ControlPAC (see entries) to serve as input. The system can be configured with the scanning array separate from or on top of the keyboard surface.

No Photograph Available

Product Name: SCANWOLF

Vendor: Wayne County Intermediate School District

Size: 14.5" x 10" x 1.75"

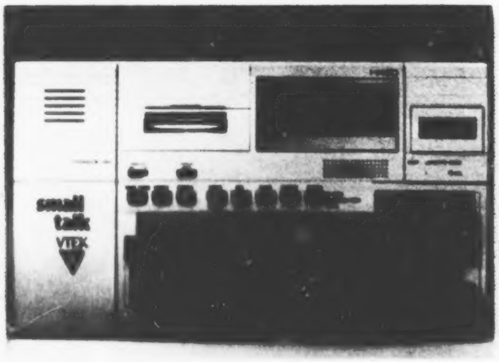
Weight: 2 lbs.

Power Source: Rechargeable batteries

Cost: $375.00

SCANWOLF is a portable communication aid with synthesized voice output. There are 36 possible selection areas in a 6 x 6 matrix, however these can be combined (e.g., two 6 x 3 cells, four 3 x 3 cells, etc.). The purchaser specifies the matrix configuration desired. LEDs (light emitting diodes) are scanned either automatically or manually, controlled by a single switch. Vocabularies are organized into pages or levels. Up to 30 pages can be accommodated, depending on the matrix chosen and the word count. Vocabulary programmed into each cell can be words, phrases, letters, numbers, etc. A single selection is limited to 128 characters (approximately three to four average length sentences). SCANWOLF must be programmed by the manufacturer. Desired vocabulary is provided by the purchaser, and overlays are created by the purchaser using the optimal symbol system.

A miniature rotary switch in the upper left corner of the LED board controls either the speed of the auto scan or the confirmation delay (e.g., before speaking) of the manual scan.



Product Name: Small Talk

Vendor: VTEK

Size: 14.5" x 8.5" x 1.75"

Weight: 5 lbs.

Power Source: Rechargeable batteries

Cost: $2195.00

Small Talk is a portable microcomputer equipped with an 80-character LCD display, a 24-column printer, and synthesized speech output. Small Talk comes equipped with a voice-output word processing program (Word-Talk) and a voice output scientific calculator program (Calc-Talk). The user can enter text on the keyboard and then use either the display or speech output to edit the text, performing word processing functions such as line and character insertion and deletion, centering, line and screen reviewing, tabulating, and searching. The unit's microcassette storage system will hold the equivalent of six full pages of text.

Small Talk can be connected to various peripherals such as printers and other computers via its serial port.

Special Friend
Speech Prosthesis
SPACE
SHEA PRODUCTS

Product Name: Special Friend Speech Prosthesis

Vendor: Shea Products, Inc.

Size: 15" x 9.75" x 2.5"

Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $2,390.00 - $3,250.00

Special Friend Speech Prosthesis is a portable electronic communication aid with voice output. The user can select pre-programmed phrases, compose phrases letter by letter, or create and recall custom phrases. The custom phrases are arranged on nine levels, each of which is a group of common need situations (conversation, personal needs, math, etc.). Custom information can be stored on any of 26 levels. The levels are reached by typing a single number or letter. Once the level is reached the desired phrase is called up by entering a single letter code; thus there are 26 x 26 memory locations. Messages can be reviewed on the Special Friend's 80-character LCD display before being spoken.

Special Friend is available in two models. The direct input model has a membrane keyboard with a keyguard; selection is made by pressing the keys. The scanning model has lamps for each key; selection is made by scanning with a single switch; programming is done with a light pen.

No Photograph Available

Product Name: SpeechAid

Vendor: Intex Micro Systems Corporation

Size: 20" x 8.7" x 2.8"

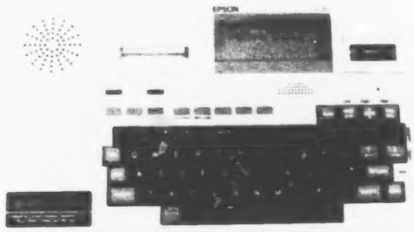
Weight: 6.5 lbs.

Power Source: Rechargeable batteries

Cost: $2495.00

SpeechAid is a portable communication aid that provides synthesized voice output of letters, phonemes, words, or phrases typed in on the keyboard. SpeechAid has virtually unlimited vocabulary, pronounces the 5000 most common conversational words with near 100 percent accuracy, and comes with 80 preprogrammed commonly used phrases that can be recalled with combinations of two keystrokes. The user can also store custom messages of up to 2000 characters, each of which can be recalled with a single keystroke. SpeechAid has a 64-pitch inflection control, and can speak musical tones in a five-octave range.

SpeechAid comes with an RS232C serial interface for output to a printer or a computer. Membrane keyboards with tactile feedback are available.



Product Name: SpeechPAC/Epson

Vendor: Adaptive Communication Systems, Inc.

Size: 14.75" x 8.5" x 1.75"

Weight: 5 lbs.

Power Source: Rechargeable batteries

Cost: $2,295.00

The SpeechPAC/Epson is a communication aid with synthesized voice output based on the Epson HX-20 portable computer. Messages typed on the SpeechPAC's keyboard are displayed on the 80-character LCD display, and may be spoken via a built-in synthesizer (optional), printed on the built-in printer, or saved on microcassette. SpeechPac may store up to 23,000 characters in memory, allowing for completely user-customized vocabulary. SpeechPAC comes with an abbreviation expansion program which allows the user to recall messages of up to 250 characters each by entering two or three characters. A list of abbreviations and their corresponding expansions may be printed at any time with one keystroke.

Various options are available for the SpeechPAC/Epson. Software is available for speech-output calculating (MathPAC); using a video monitor for display (Monitor); and connecting a Unicorn expanded keyboard as input (MemKey). A keyboard emulating interface for the Apple IIe is available. Environmental control is possible via ControlPAC (see entry).

No Photograph Available

Product Name: SpeechPad

Vendor: Crabapple Systems

Size: 12" x 12"

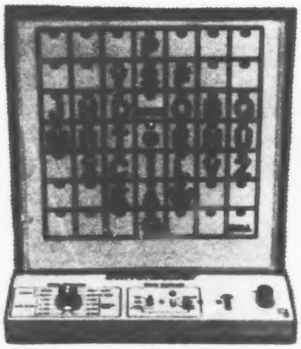
Weight: 8 lbs.

Power Source: Rechargeable battery

Cost: Contact manufacturer

SpeechPad is an adapted PowerPad (see entry) that allows its use for synthesized speech output without being tied down to a stationary computer. The 12" x 12" surface is divided into 3" x 3" blocks. There are 15 distinct levels among which the user may move. Each block may be programmed to store a word or phrase of up to 40 characters on each of the 15 levels. Pressing a combination of two blocks activates the built-in speech synthesizer. User selectable symbols are placed on the surface of the SpeechPad.

Vocabulary may be programmed directly on the SpeechPad, however a special software package simplifies the process by allowing the phrases to be customized using an Apple II+ and a Votrax Type 'N Talk,then downloaded to the SpeechPad.



Product Name: Switchboard

Vendor: ETI Corporation

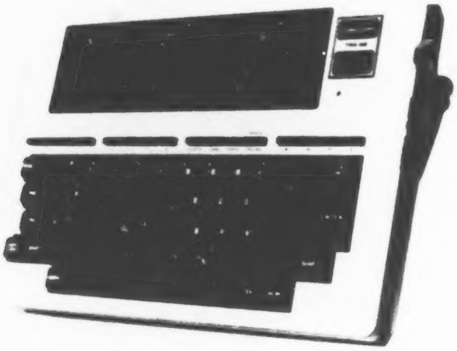
Size: 17" x 16" x 8"

Weight: 4 lbs.

Power Source: 120V AC

Cost: $650.00

Switchboard is a row-and-column scanning communication aid that can be be configured with 4, 12, 16, 28, or 49 positions. Selections can be made in the four-position configuration by direct selection using four switches. Automatic and manual scanning work in 4, 12, 16, and 28 positions. Row-and-column scanning and directed scanning work in the 49-position mode exclusively. Automatic scanning can use one or two switches (forward or backward) and has a rate adjustable from 0 to 42 seconds to over a minute. In manual scanning, two switches are used to move the light forward or backward one position at a time; a third switch indicates selection. In row-and-column scanning, a single switch is used to scan row, then column, then selection. In cursor control, the user can scan in either of two directions (with two switches) or in any of four directions (with four switchesor a joystick). The user can scan in a circular pattern (automatic and manual scanning modes only).



Product Name: Talking 100

Vendor: Commetrics, LTD

Size: 8.5" x 12" x 2"

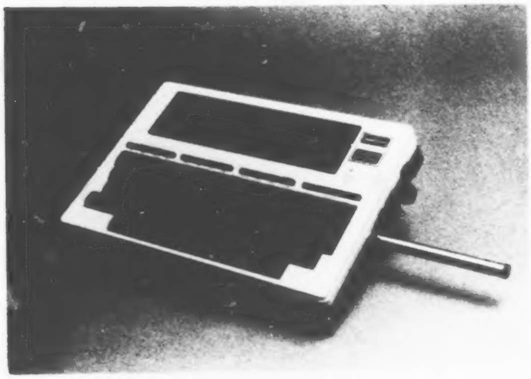
Weight: 6 lbs.

Power Source: Rechargeable batteries

Cost: $1,950.00

The Talking 100 is a communication and writing aid based on the Tandy Model 100 computer. The Talking 100 will speak documents or phrases if the Talking 100 software is running, and will perform audible interactive word processing with the Writer 100 word processing program (both are available from the manufacturer). The Talking 100 may speak entire documents, line by line, or echo characters as they are entered.

The Talking 100 offers voice output, and optional printed output.



Product Name: Talking 100 Communicator

Vendor: TASH, Inc.

Size: 12" x 9" x 5"

Weight: 7 lbs.

Power Source: Rechargeable batteries

Cost: $1995.00

Talking 100 Communicator is a portable synthesized voice communication aid based on the TRS 80 Model 100 computer. The computer fits into a base which contains the voice synthesizer, speaker, and batteries. The communicator can be operated directly using the keyboard or with a single switch in the scanning mode. Up to 40 custom messages can be stored in memory and recalled with a two letter code.

Product Name: TIM

Vendor: Computers for the Physically Handicapped

Size: 8.5" x 9" x 8.5"

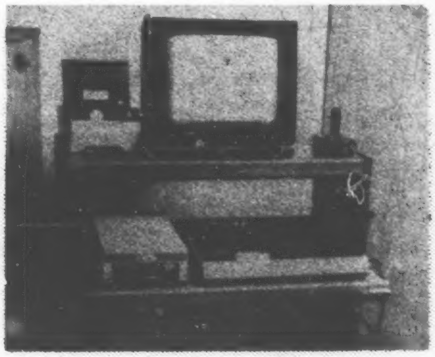
Weight: 5 lbs.

Power Source: 120V AC

Cost: $5,180.00

TIM is a semi-portable computer-based communication system. TIM allows the user to assemble full pages of text, and to control devices in the environment. TIM presents the user with menus of choices on a video monitor, and the user selects from the menus, and submenus, by scanning with a single switch. Text may be assembled from the alphabet (arranged in order of frequency of English usage), from a 1,200-word vocabulary, or from numbers, punctuation, symbols, or user-defined phrases. TIM's active memory will hold up to ten pages of text. Text may be stored on magnetic tape for later recall, or printed on an optional printer. TIM may be controlled using only a single switch.

Various options, including synthesized speech output, an alarm call, and telephone accessories, are available; contact the manufacturer.



Product Name: Timothy Communications Package

Vendor: SoftCap Company

Size:

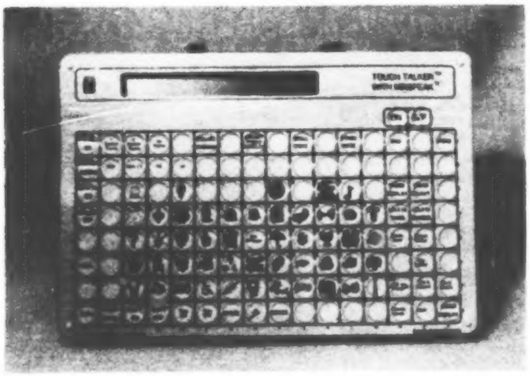
Weight:

Power Source: 120V AC

Cost: $850.00 for software

Timothy Communications Package is a microcomputer-based communication aid with printed and synthesized speech output. The package consists of the software and adaptors to operate the system; Commodore computer, monitor, disk drive, and printer are all extra. The program presents the user with menus of spoken phrases on the monitor. The user selects either the desired phrase or another menu by scanning the available choices. Scanning can be with a single switch or with up to five switches. Once the desired phrase is reached, it appears at the top of the screen and can be spoken by the synthesizer or printed by the printer. Phrase menus can be added, and stored on disk for recall.

Four other programs come with the package: a menu editor that allows someone other than the user to add phrases; a menu utilities program that facilitates storing phrase menus on disk; Alpha Writer, a program that allows the user to compose messages of any length letter by letter; and Switch Test, a program for testing which control switch works best for the user.



Product Name: Touch Talker

Vendor: Prentke Romich Company

Size: 13" x 8.8" x 2.75"

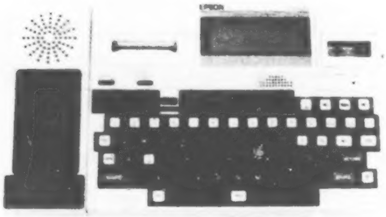
Weight: 5.25 lbs.

Power Source: Rechargeable batteries

Cost: $1,995.00 - $2,795.00

Touch Talker is a portable electronic communication aid offering synthesized speech output and optional printer or computer keyboard output. Selections are made directly by pushing one of the keys on the membrane keyboard. Messages can be displayed on an LCD before being spoken. The Touch Talker can be used with either Express or Minspeak firmware (price will vary depending upon which firmware is used). Express firmware allows vocabulary to be stored and recalled with level (128 locations on 99 levels), abbreviation expansion, and number encoding techniques. Minspeak firmware allows vocabulary to be stored and recalled by semantic compaction (see glossary). The Touch Talker can also be used to operate an environmental control system.

Options for the Touch Talker include external printer, keyboard emulating interface for the Apple IIe or II+ and the IBM-PC (see Keyboard Emulator, Prentke Romich), and the Memory Transfer Interface, which allows vocabulary sets to be stored on Apple diskette. Kits are also available to convert the keyboard to 8 or 32 positions (rather than 128).



Product Name: Trine System (ACS)

Vendor: Adaptive Communication Systems, Inc.

Size: 14.75" x 8.5" x 1.75"

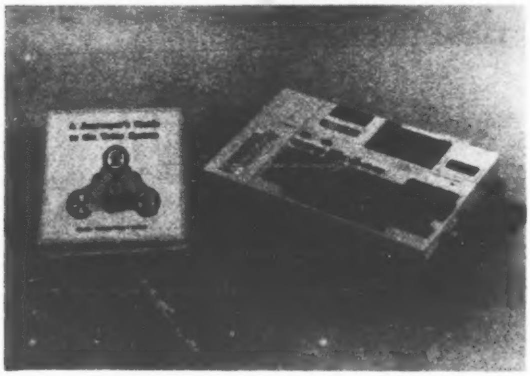
Weight: 5.2 lbs.

Power Source: Rechargeable batteries

Cost: $1,395.00 - $2,595.00

The ACS Trine System is a three-function communication aid. The Trine serves as a portable electronic notebook, a communication aid with printed or synthesized voice output, and ability to control a general purpose computer via a standard keyboard emulating interface. The system is based on the Epson HX-20 portable computer, and is equipped with a standard keyboard, an 80-character LCD display, a built-in strip printer, optional speech synthesizer unit, and the Trine Software and documentation developed at the Trace Center. Text can be composed in six "work spaces," each holding up to 55 20-character lines, and retaining their memory when the power is off. Text can be reviewed by viewing it on the display, and can be spoken (optional), printed, or stored on microcassette. A program for abbreviation expansion (QuicKey) is provided. Single-finger operation provided.

The ACS Trine is $1,395.00 without speech; $2,595.00 with speech. The Trine System's keyboard emulating interface complies with the KEI standard developed at the Trace Center, University of Wisconsin. A Morse code input option is being developed.



Product Name: Trine System (Words+)

Vendor: Words+, Inc.

Size: 14.75" x 8.5" x 3.75"

Weight: 11.8 lbs.

Power Source: Rechargeable batteries

Cost: $2,295.00

Words+ Trine System is a three-function communication aid. The Trine serves as a portable electronic notebook, a communication aid with printed or optional synthesized voice output, and a tool for controlling a general purpose computer via a standard keyboard emulating interface. The system is based on the Epson HX-20 portable computer (fitted with an additional unit), and is equipped with a standard keyboard, an 80-character LCD display, a built-in strip printer, an optional speech synthesizer unit, and the Trine software and documentation developed at the Trace Center. Text can be composed in six "work spaces," each of which can hold up to 55 20-character lines, and which retain their memory while the power is off. Text can be reviewed by viewing it on the display, and can be spoken, (optional), printed, or stored on microcassette. A program for abbreviation expansion (QuicKey) is provided; expansion does not require a special key to be pressed. Single-finger operation is provided for.

The Trine System's keyboard emulating interface complies with the KEI standard developed at the Trace Center, University of Wisconsin. A Morse code input option is being developed.

No Photograph Available

Product Name: Typewriters for the Visually Impaired

Vendor: Typewriting Institute for the Handicapped

Size:

Weight: 26 lbs.

Power Source: 120V AC

Cost: $725.00

Large-Type Typewriter is a standard keyboard IBM Model D electric typewriter adapted to type larger. The type style used has 6 spaces to the inch horizontally (as compared to 10 and 12 spaces for pica and elite) and 4 vertical lines to the inch (as compared to the standard 6 of pica and elite). The large print type has both capital and lower case letters.

No Photograph Available

Product Name: Vocaid

Vendor: Texas Instruments, Inc.

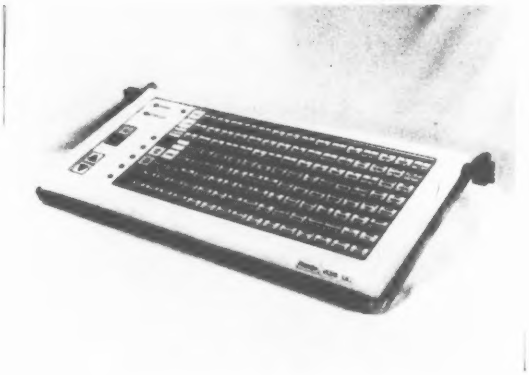
Size: 10.5" x 14" x 1.5"

Weight: 2.75 lbs.

Power Source: 2 "D" batteries

Cost: $150.00

Vocaid is an electronic communication aid with synthesized voice output. The device has a 36-key keyboard with 1.25"-square keys and a keyguard. Four interchangeable overlays are provided, and the vocabulary for each is pre-programmed into the Vocaid. The user changes vocabulary sets when changing overlays. A total of 140 words, letters and numbers are provided; the 36th key on each overlay is the "off" key. To communicate, the user presses a key or a series of keys, and the device speaks the pre-programmed output in synthesized voice. The four overlays are bedside (medical), alphanumeric, telephone assistance, and leisure.



Product Name: VOIS 130

Vendor: Phonic Ear, Inc.

Size: 16.5" x 8.75" x 3.25"

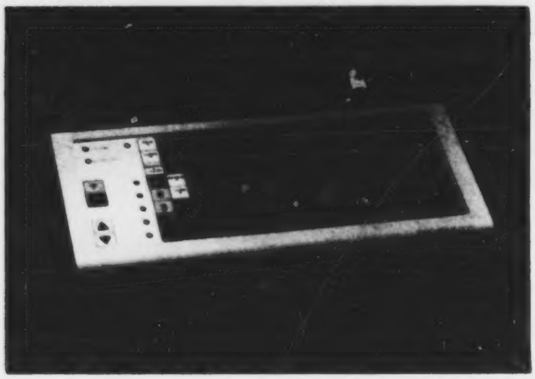
Weight: 3.75 lbs.

Power Source: Rechargeable battery

Cost: $2995.00

VOIS 130 is portable electronic communication aid. VOIS 130 provides synthesized voice output of phrases entered on its membrane keyboard. Pronunciations of 45 phonemes, 12 morphemes, 26 letters, 352 words, and 19 phrases are pre-programmed; the user can also create, store, and edit up to 118 custom phrases containing a total of 3000 pieces of information. Although the VOIS does not support text to speech use of the phoneme mode allows unlimited vocabulary phonemically spelling the words. Phrases can be composed and reviewed before being spoken in communication. Five levels of operation (four pre-programmed plus one user-programmable) allow 118 of the 128 keys to be assigned up to five different values. Five keyboard overlays (four pre-printed, one blank) are provided. Pitch and rate of speech are adjustable; volume is user-adjustable.

Options for VOIS 130 include a keyguard and a carrying case (extra; case is made by another manufacturer, contact Phonic Ear for details).



Product Name: VOIS 135

Vendor: Phonic Ear, Inc.

Size: 16.5" x 8.75" x 3.2"

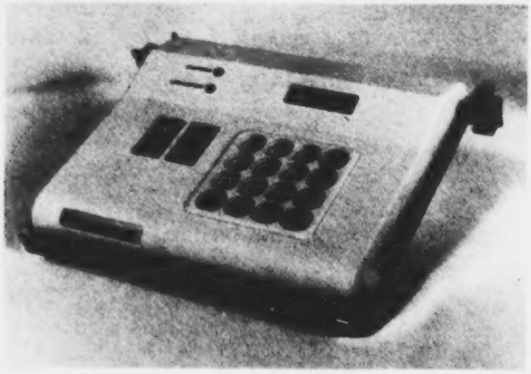
Weight: 3.5 lbs.

Power Source: Rechargeable batteries

Cost: $2,995.00

VOIS 135 is a voice output communication aid with 118 selection locations (keys), each having four programmable levels. The user may program phrases or words for each individual key on the membrane keyboard, or locations may be grouped into larger selection areas. Any symbols or words may be placed on overlays for the VOIS 135; the organization of symbols or words is entirely up to the user. The four programmable levels may be used to group vocabulary sets (work, home, etc.) or to hold vocabulary sets for a number of users. The use of phonemes in composing messages allows for unlimited vocabulary phonemically spelling the words. Messages can be reviewed and edited before being spoken in communication. Pitch and rate of speech are adjustable; volume is user-adjustable.

Options for VOIS 135 include a keyguard and a carrying case (extra; case is made by a different manufacturer, contact Phonic Ear for details).



Product Name: VOIS 140

Vendor: Phonic Ear, Inc.

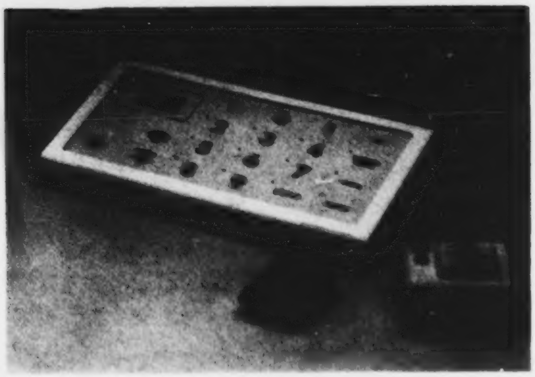
Size: 8.75" x 8.25" x 3.5"

Weight: 2.75 lbs.

Power Source: Rechargeable battery

Cost: $2995.00

VOIS 140 is a portable communication aid with synthesized voice output. VOIS 140 uses encoding: the user enters a three-digit number on the keyboard, and each number combination is assigned a word, phoneme, morpheme, letter, or phrase. 891 words, 45 phonemes, 13 morphemes, 26 letters, and 19 phrases are pre-programmed into VOIS 140, and an additional 99 three-number combinations can be assigned custom phrases by the user (up to 3000 custom characters total). Messages can be reviewed and edited before being used in communication. Use of phonemes in message composition allows for unlimited vocabulary phonemically spelling the words. Volume is user-adjustable. VOIS 140 comes with a keyguard.



Product Name: VOIS 150

Vendor: Phonic Ear, Inc.

Size: 16.5" x 8.75" x 3.25"

Weight: 3.75 lbs.

Power Source: Rechargeable battery

Cost: $2,995.00

VOIS 150 is a portable encoding electronic communication aid with voice output. Nearly 1000 words, phrases, letters, and phonemes are pre-programmed; the user acesses them by entering combinations of three numbers on VOIS 150's numeric membrane keyboard. 100 custom messages of up to 3000 characters total can be created, stored, and recalled by the user. A temporary memory allows messages of 50 characters to be stored for use in normal conversation. Use of phonemes allows for unlimited vocabulary phonemically spelling the words. Volume is user-adjustable.

VOIS 150 can be operated by scanning as well as direct selection. Each key on the keyboard has a light that lights during scanning. A different auditory tone can also be produced for each position (key) as it is scanned, permitting use of VOIS 150 by visually impaired people. Scanning can be done with a single switch or joystick, and scanning speed is user-adjustable.

Product Name: WOLF

Vendor: Wayne County Intermediate School District

Size: 14.5" x 10" x 1.75"

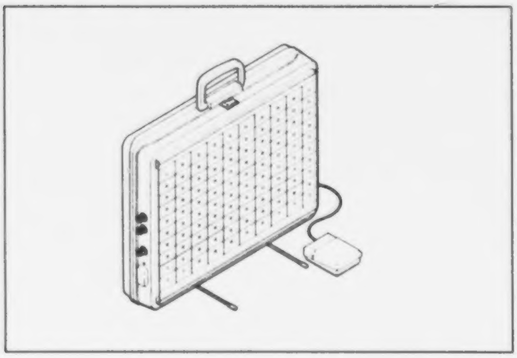
Weight: 2 lbs.

Power Source: Rechargeable batteries

Cost: $275.00

WOLF is a portable communication aid with synthesized voice output. The user presses keys on the device's 36-key board to select pre-programmed words or phrases. Words and phrases can either be spoken as they are selected or compiled into longer phrases and sentences and then spoken. When a phrase has been assembled from the selections made, the user presses a key to make the synthesizer speak the phrase. Alternatively, the system can speak the phrase as it is typed without delay. WOLF uses a system of levels. From the first or "master" level, the user selects the level that contains the desired vocabulary (other methods of shifting levels are also accommodated). Then the word or phrase to be spoken is selected. Up to 500 words can be stored in 30 levels. Overlays may be created for each level. Keys may be grouped together for fewer choices and larger selection areas. A keyguard is provided.

WOLF must be programmed by the manufacturer; contact them about placing an order. A scanning version of WOLF is also available (see entry for SCANWOLF).



Product Name: Zygo Model 100

Vendor: Zygo Industries, Inc.

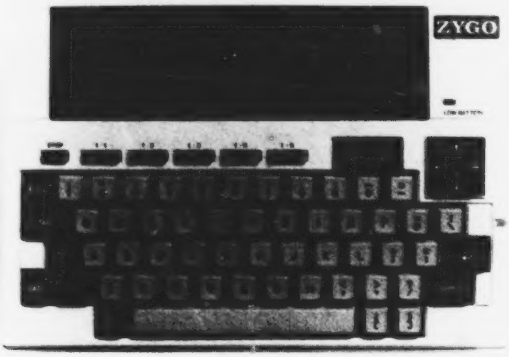
Size: 18.5" x 15" x 3.5"

Weight: 14 lbs.

Power Source: Rechargeable battery

Cost: $1,750.00

Zygo Model 100 is a 100-position scanning communication aid. The 10 x 10 array is mounted in a case that stands vertically. Each position has a light, and the user can scan the positions either automatically by row and column (single switch) or manually (multiple switches). Speed of automatic scanning is adjustable. A short-term memory is provided that will hold up to 16 selections; these selections may be played back in the order in which they were made. Alarm, memory, and scanning on/off functions may be set so that they can be controlled by the user. A console with roll paper printer and 16-character LED display is available (extra). This console mounts to the bottom of the Model 100, and is meant for use with an alphanumeric overlay. Computer interfaces are also available which allow the Model 100 to act as an alternate keyboard for an Apple IIe or II+ (extra).



Product Name: Zygo Notebook

Vendor: Zygo Industries, Inc.

Size: 11.5" x 8.25" x 2"

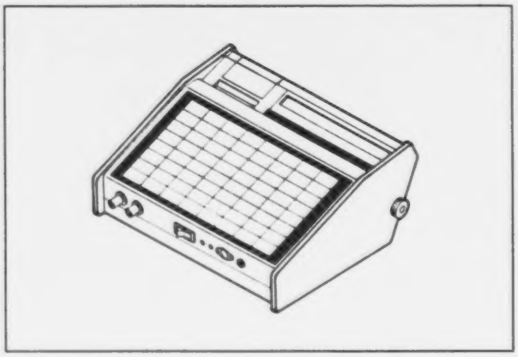
Weight: 3.8 lbs.

Power Source: Rechargeable batteries

Cost: $895.00

Zygo Notebook is a portable communication and writing aid with an 8-line, 40-character per line LCD display and optional printed output. The keyboard has the full standard typewriter layout plus ten function keys and a four-key cursor keypad. Notebook has an internal memory for saving text, and a "protect" feature saves all data for up to 26 days after the device's power goes off, for whatever reason. Notebook incorporates Abex, a Zygo designed chip, which provides an abbreviation expansion function, allowing short alphanumeric codes to be created which automatically expand to complete phrases when writing.

Notebook has a parallel interface (standard Centronics type) for connection to an external printer (not included). A keyguard is available at extra cost.



Product Name: Zygo scanWRITER

Vendor: Zygo Industries, Inc.

Size: 9.25" x 9.25" x 4.5"

Weight: 4 lbs.

Power Source: Rechargeable battery

Cost: $4,000.00

Zygo scanWRITER is a portable scanning communication and writing aid with a 20-character LCD display, 20-column built-in printer, and optional voice output. The user generates characters by selecting them from a full computer keyboard scanning array. Scanning may be row-and-column (single switch), or directed (multiple switches). Up to 800 characters total may be stored by the user at 40 locations for routine quick messages. A 120-character temporary private storage (for visual display without printing) is also provided. Up to 4000 characters total may be stored by the user at 156 locations.

A text-to-speech synthesizer may be added for voice output (extra). ScanWRITER can also be used as an alternate computer keyboard with the purchase of a special keyboard emulating interface (extra).

Chapter 6

Telecommunication Devices for the Deaf (TDD's)

This chapter includes only those devices which have been specifically designed for deaf individuals to communicate over telephone lines. It includes systems which use ASCII, BAUDOT, touch tones or voice to transfer information. Telewriters are included in this chapter.

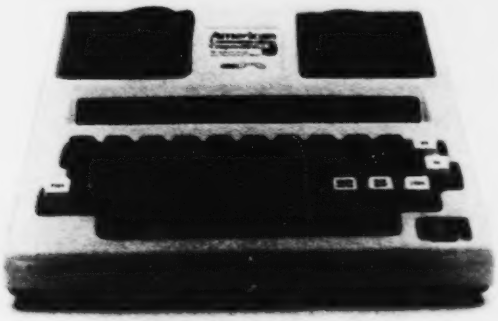
Related functions found in the cross references include Telecommunication (TL), Conversation/Interaction (CI), and Phone Control (PC).

Appendix A includes information summaries on Selected Information Resources for the Deaf; Networks, Bulletin Boards and Databases; and Additional Sources of Information.

Chapter 6: Telecommunication Devices for the Deaf (TDD's)

The following product entries appear in this chapter:

Amcom C *1-89*
COM 2000 *1-89*
Echo 2000 *1-90*
Intele-Type *1-90*
Lifestyle Personal Communicator *1-91*
Lifestyle Personal Communicator Expanded Keyboard *1-91*
Minicom II *1-92*
Porta Printer Plus MP20 *1-92*
Porta Printer Plus MP20D *1-93*
Porta Printer Plus MP40D *1-93*
Porta View Junior/Model 32 *1-94*
Print-A-Call *1-94*
SSI-100 Communicator *1-95*
SSI-220 Communicator *1-95*
SSI-240 Communicator *1-96*
Superprint 100, 200, 400 *1-96*
Talk Tone *1-97*
TeleBraille *1-97*
Telewriter *1-98*



Product Name: Amcom C

Vendor: American Communication Corporation

Size: 10" x 10" x 2.5"

Weight: 2 lbs.

Power Source: Rechargeable batteries

Cost: $199.00

Amcom C is a portable TDD with a 34-key keyboard and a sixteen character display. Amcom C transmits in Baudot. The device includes GA and SK keys, a manual carriage return, and a clear key. A call status light is also provided.

Output from the Amcom C is Baudot at either 45.5 or 50 (European) baud.

Product Name: COM 2000

Vendor: Precision Controls, Inc.

Size: 11" x 10" x 3"

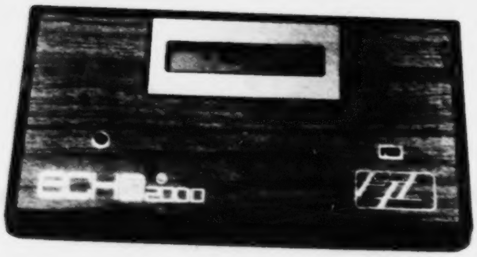
Weight: 3 lbs.

Power Source:

Cost: $199.00

COM 2000 is a TDD with a 32-character display and four-row typewriter-style keyboard. A button must be pushed to scroll the display from left to right. A printer interface is provided for connection to an external printer. The COM 2000 transmits in BAUDOT code (45.5 BAUD).

COM 2000 comes with built-in rechargeable batteries.



Product Name: Echo 2000

Vendor: Palmetto Technologies, Inc.

Size: 7" x 3.5" x 1"

Weight: 12 oz.

Power Source: Rechargeable batteries

Cost: $299.00

The Echo 2,000 is a hand-held communication device for hearing impaired individuals with some limited speech skills. The Echo 2000 works in conjunction with a standard touch tone telephone, using a two-digit number code to represent letters of the alphabet as well as commonly used words and phrases. To transmit a letter to the person using the Echo 2,000, the sender must first press the key on which the desired letter is printed and then press the "position" key (1, 2, or 3) which represents the position of the letter on the chosen key. Numbers and commonly used words (what, where, why, etc.) as well as "Hello, how are you?" may also be sent with special two-digit sequences. Incoming messages are displayed on the Echo 2,000's 16 character LCD display. Messages longer than 16 characters scroll across the display from left to right.

Product Name: Intele-Type

Vendor: Ultratec, Inc.

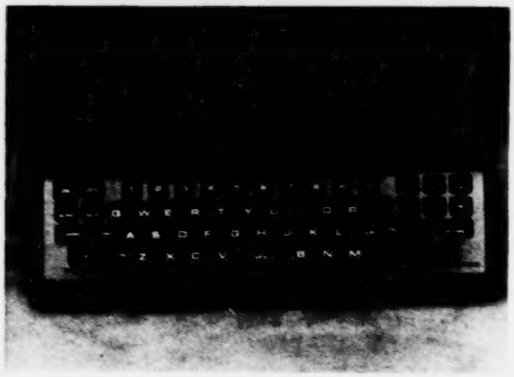
Size: 13.2" x 10.5" x 3.2"

Weight:

Power Source: Rechargeable battery

Cost: $595.00

Intele-Type is a multi-function communications terminal with a 16-character LCD display and a built-in 80-column printer. Intele-Type may function as a computer terminal (communicating in ASCII), a TDD (communicating in Baudot), a typewriter, a TDD answering machine, and a calculator. The Intele-Type has a 3,700 character memory for writing and editing text or TDD messages. The 80 column printer accepts either regular or thermal paper, and will print on roll or sheet paper. Intele-Type comes with a paper roll holder, roll paper, sheet paper, and two cassette ribbons. The device also comes with an RS-232C interface connector for communication with computers and peripheral devices, as well as extra 4K of memory and a carrying case.



Product Name: Lifestyle Personal Communicator

Vendor: Garid, Inc.

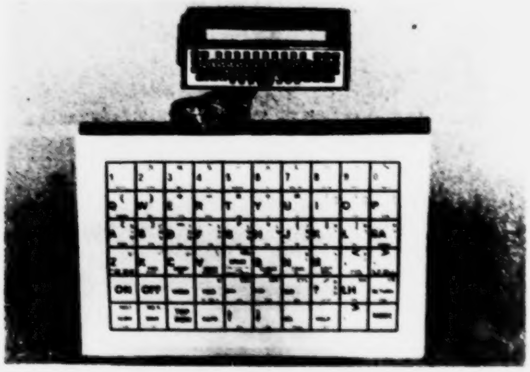
Size: 3.5" x 8.75" x 1.25"

Weight: 18 oz.

Power Source: Rechargable battery

Cost: $1795.00

The Lifestyle Personal Communicator is a portable communications device that can communicate by electronic display, sythesized voice output, the deaf Baudot code, or ASCII computer modem. The keyboard has a standard typewriter layout plus computer function keys. The voice synthesizer has a fixed 1700 word vocabulary, and the device's memory can be used to store and recall phone numbers, spoken or typed phrases. The Lifestyle Personal Communicator can autodial numbers, automatically send out preprogrammed responses to voice, TDD, or computer messages received, and save messages received from TDDs or computers. The Communicator also functions as clock/calender and a calculator.



Product Name: Lifestyle Personal Communicator Expanded Keyboard

Vendor: EKEG Electronics Company LTD

Size: 18" x 12" x 1"

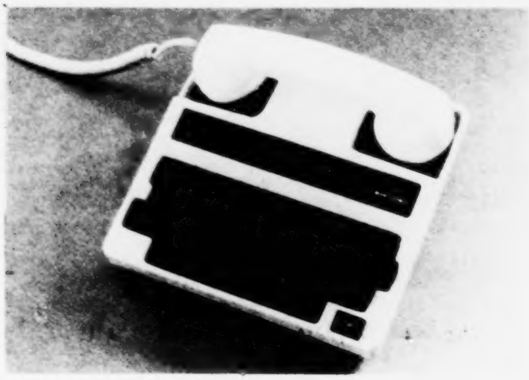
Weight: 4 lbs.

Power Source: None

Cost: $525.00

Expanded Keyboard for the Lifestyle Personal Communicator is designed to provide that communication aid (see entry, Garid, Inc.) with 1.5"-square keys for easier access. The expanded keyboard is flat, which allows overslip to be put over the top. This keyboard connects directly to the Personal Communicator, operates exactly like the device's standard keyboard, and requires no power source of its own.

The Lifestyle Personal Communicator must be purchased separately.



Product Name: Minicom II

Vendor: Ultratec, Inc.

Size: 8.5" x 8.5" x 2.5"

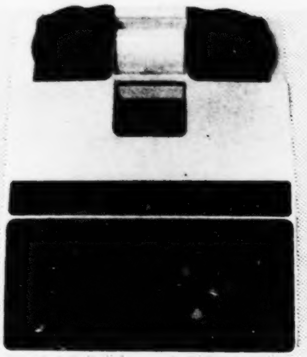
Weight: 1.7 lbs.

Power Source: Rechargeable batteries

Cost: $159.00

Minicom II is a portable TDD with a 20-character LED display which transmits using the Baudot code. The 31-key keyboard includes includes backspace and shift keys. Minicom II has a signal light to inform the user when there is a dial tone, busy signal, or ring signal, or when the person called has answered the phone.

Minicom II may be operated up to two hours on a single battery charge. Minicom II comes with an AC battery charger and an optional vinyl case that holds both the device and the charger.



Product Name: ·Porta Printer Plus MP20

Vendor: Krown Research, Inc.

Size: 9.5" x 12.5" x 2.75"

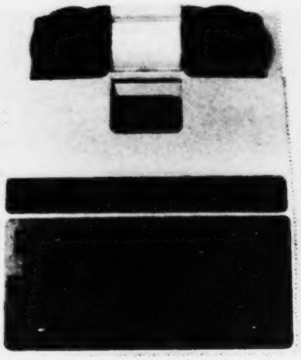
Weight: 5.75 lbs.

Power Source: Rechargeable batteries

Cost: $425.00

Porta Printer Plus MP20 is a TDD with a 20 column LED display and a 20 column built-in printer. The MP20 has a 2,048 character memory for saving and sending messages, upper and lower case printing to distinguish incoming from outgoing messages, and four message buffers.

Porta Printer Plus MP20 runs on a rechargeable battery and uses Baudot code (STD). 8K memory, acoustic coupler and ASCII capability are available as options.



Product Name: Porta Printer Plus MP20D

Vendor: Krown Research, Inc.

Size: 9.5" x 12.5" x 2.75"

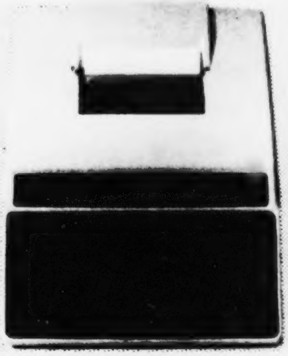
Weight: 5.75 lbs.

Power Source: Rechargeable battery

Cost: $475.00

Porta Printer Plus MP20D is a TDD with a 20 column LED display and a 20 column built-in printer. The MP20D has a 2,048 character memory, upper and lower case printing to distinguish incoming from outgoing messages, and four messages buffers. In addition, the MP20D offers dialing from the keyboard, memory dialing, tone/pulse dialing, automatic answering, remote message retrieval, and time/date stamping.

Porta Printer Plus MP20D runs on a rechargeable battery and uses the Baudot code (STD). 8K of memory and ASCII capability are available as options.



Product Name: Porta Printer Plus MP40D

Vendor: Krown Research, Inc.

Size:

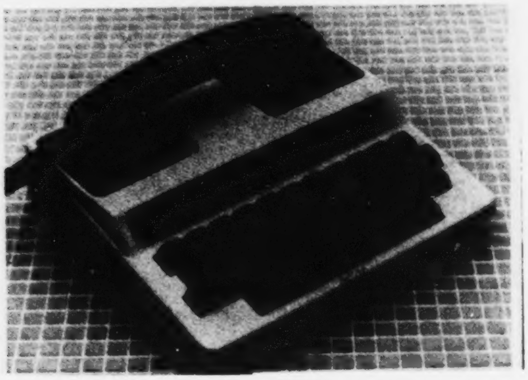
Weight:

Power Source: Rechargeable battery

Cost: $575.00

Porta Printer Plus MP40D is a TDD with a 32 character LED display and a 40 column built-in printer. The MP40D has a 2,048 character memory, upper and lower case printing to separate incoming from outgoing messages, and four message buffers. In addition, the MP40D offers dialing from the keyboard, memory dialing, tone/pulse dialing, automatic answering, remote message retrieval, time/date stamping, display of message character count, and battery backed up memory.

Porta Printer Plus MP40D runs on a rechargeable battery (extra). 8K of memory and ASCII capability are available as options.



Product Name: Porta View Junior/Model 32

Vendor: Krown Research, Inc.

Size: 9.75" x 9" x 2.75"

Weight: 3 lbs.

Power Source: Rechargeable battery

Cost: $299.00

Porta View Junior/Model 32 is a TDD with a 32 character display. Characters on the display scroll from right to left or from left to right.

Porta View Junior/Model 32 runs on 120V AC or rechargeable batteries and uses the BAUDOT code (STD). Output is provided for an external 80 column printer (extra).

No Photograph Available

Product Name: Print-A-Call

Vendor: Krown Research, Inc.

Size: 10.25" x 7.5" x 4"

Weight:

Power Source: 120V AC

Cost: $349.00

Print-A-Call is a TDD answering machine that automatically answers and records incoming TDD calls which use the Baudot code. A pre-programmed message is sent out requesting the caller to leave a name and telephone number; a personalized outgoing message can also be created. Print-A-Call's 40 column printer automatically separates messages with a space. Print-A-Call does not have to be hooked up to a TDD, but plugs directly into the phone oulet. Print-A-Call is powered by 120V AC, and is available in one- and four-ring models.

Product Name: SSI-100 Communicator

Vendor: Specialized Systems, Inc.

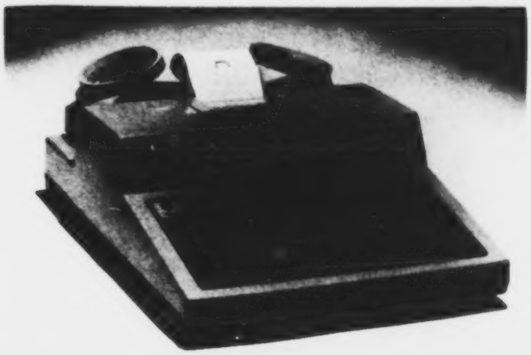
Size: 10" x 4" x 9"

Weight: 4 lbs.

Power Source: Rechargeable battery

Cost: $279.00

The SSI-100 is a portable TDD with a 32 character display. The keyboard of the SSI-100 has shift, backspace, and clear keys, as well as a status indicator light. This device may be hooked up to a cassette recorder to prerecord messages or record conversations for later review. The SSI-100 uses the Baudot code and is compatible with all standard TTY's and TDD's.



Product Name: SSI-220 Communicator

Vendor: Specialized Systems, Inc.

Size: 10.4" x 13.2" x 4.1"

Weight: 7.2 lbs.

Power Source: Rechargeable battery

Cost: $485.00

The SSI-220 is a portable TDD with a 20 character display and a built-in 20 character per line printer. The keyboard of the SSI-220 has shift, backspace, clear, and GA keys, as well as a print/non-print switch and accompanying indicator light. The SSI-220 uses the Baudot code and is compatible with all standard TDD's and TTY's. The SSI-220 has a print/non-print switch, a power indicator light, and a line status indicator light.

Product Name: SSI-240 Communicator

Vendor: Specialized Systems, Inc.

Size: 11" x 15.1" x 4.7"

Weight: 8.4 lbs.

Power Source: Rechargeable battery

Cost: $520.00

The SSI-240 is a portable TDD with a correctable 32 character display and a 40 character per line printer. The keyboard of the SSI-240 has shift, backspace, clear, and GA keys, as well a print/non-print switch and line status indicator light. The SSI-240 uses the Baudot code and is compatible with all standard TTY's and TDD's.

Options include a 1,150 character memory for pre-composition of messages for $565.00.

Product Name: Superprint 100, 200, 400

Vendor: Ultratec, Inc.

Size: 12.5" x 9" x 3"

Weight: 4.75 lbs.

Power Source: Rechargeable batteries

Cost: $299.00 - $459.00

Superprint is a portable TDD with a 20-character LED display and an optional 24-column printer. Superprint has a 2,048 character memory for composing and sending messages, and is available with the capability of automatically answering incoming calls, sending a stored message to the caller. Superprint is also available with the capability of sending ASCII code as well as the standard Baudot (TDD) code.

The Superprint line consists of three models. Superprint 100 must be hooked to an external printer (extra) in order to print. Superprint 200 comes with a built-in 25-column printer. Superprint 400 comes with the auto-answer feature, and can be directly connected to a phone line without using the receiver. All models come with a hard case. ASCII capability can be added to any of the units for $49.95.

No Photograph Available

Product Name: Talk Tone

Vendor: Audio Tone Company

Size: 3" x 3"

Weight:

Power Source: 9V battery

Cost: $350.00

Talk Tone is a portable TDD that straps to the earpiece on the receiver of a standard touch-tone phone. The user verbally directs the person on the other end of the line to enter a message by pressing the telephone buttons corresponding to the letters desired. A coding system is used wherein the number 1, 2, or 3 is pressed for each letter entered to indicate which of the three letters on the button is intended. Each letter of the message appears on Talk Tone's LCD display. When the two lines of the display are full, it will clear and can be filled again.

Standard touch tone phones at both ends of the line are required in order to operate Talk Tone. The user reads the Talk Tone's display, but must speak unless the other person also has a Talk Tone.

Product Name: TeleBraille

Vendor: Telesensory Systems, Inc.

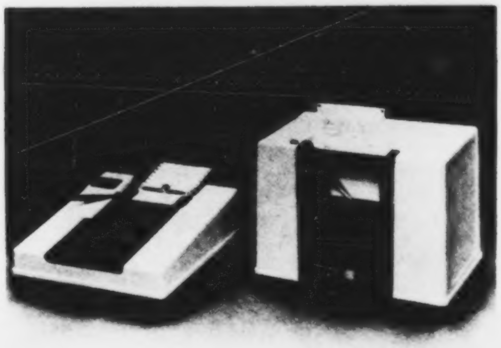
Size: 9" x 9"

Weight:

Power Source: Rechargeable batteries

Cost: $5,500.00

TeleBraille is a modified TDD system that provides braille input and output. The system consists of two units. One resembles a standard TDD, with a standard alphabet keyboard and visual character display; the other has a braille keyboard and refreshable braille display. In face-to-face conversation, the sighted speaker types text into the standard TDD unit, and the text is translated into braille and can be read by the deaf-blind speaker on the refreshable display. Conversely, the braille text entered by the deaf-blind user appears as standard text on the sighted speaker's visual display. The TeleBraille system can also be used to communicate with other standard TDDs over telephone lines using either Baudot or ASCII code.



Product Name: Telewriter

Vendor: Telautograph Corporation

Size: 13" x 15" x 5.5", 14.5" x 9" x 12"

Weight: 13.25 oz., 41.5 lbs.

Power Source: 120V AC

Cost: $1450.00 - $1500.00

Telewriter is a system that can transmit handwritten messages over telephone lines. The system consists of a transmitter, on which the sender writes the desired message, and a receiver, which produces an exact duplicate of the written message. Both accept the same standard paper, so standard forms may be used at both ends of the communication. Telewriter operates optimally across telephone wires physically connected between senders and receivers (such as within an office block, or across town), or over long distance (between states) using a data coupler across standard telephone lines.

Telewriter may be leased for $36.00 - $39.00 or purchased outright. A unit with transmitting and receiving hardware only sells for $1450.00, and a unit that also includes a data coupler costs $1500. Contact the manufacturer for details.

Index 1

Products Listed by Function

This index includes lists of products according to Function. Every product in the three books with a given function will appear in that list. Within each list products are arranged alphabetically. Following the product name in parentheses are the other functions (coded) assigned to that product.

For example, if you were looking for an aid for Conversation/Interaction and wanted to find an aid that could also perform word processing functions you would look through the Conversation/Interaction (CI) function list and note all of those products with the WP (word processing) code. You would then look at the product descriptions for the several entries meeting both of those needs and contact the manufacturers of those devices you felt best suited the client.

Index 1: Products Listed by FUNCTION

The following is the order of the Functions by which products in this index are listed:

Activities of Daily Living {AD}
Administration and Management {AM}
Alternate Display Systems Usable with All Software {TO}
Alternate Inputs Adaptable for Use with All Software (Transparent With) {TW}
Alternate Inputs Usable with All Software {TI}
Analysis and Reporting Software {AR}
Artificial Larynxes {AL}
Assessment (Evaluation) {AS}
Authoring Programs {AP}
Book/Paper Handling {BP}
Braille {BR}
Calculation/Math Aids {CN}
Call, Monitoring, and Memory Systems {CM}
Cognitive Rehabilitation {CR}
Conversation/Interaction {CI}
Database Management/Spreadsheets {DS}
Drawing {DR}
Early Skills (Pre-Reading) {ES}
Education, Training, and Therapy {ET}
Electronic Communication and Writing Aids {EA}
Environmental Controls {EC}
Games {GA}
IEP and IPP {IE}
Input Adapters for Computers {IA}
Input Devices Usable with Only Some Software {ID}
Keyboard Emulating Interfaces (Adapters Only) {KE}
Keyboarding Training Programs {KB}
Keyguards {KG}
Language Therapy/Development {LT}
Large Print Output {LP}
Later Skills (Includes Reading) {LS}
Lipreading (Speech Reading) {LR}
Modifications for Standard Keyboards {KM}
Mouse and Touch Pad Emulation {MT}
Non-Electronic Communication Aids {NA}
Other Software and Hardware Adaptations {OA}
Personal Tools or Aids (for Speaking, Writing, Drawing, Controlling, etc.) {PA}
Phone Control/Access {PC}
Pointing and Typing Aids {PT}
Portable Writing {PW}
Recreation {RE}
Screen (Display) to Voice {SV}
Signing {SI}
Speech Aids {SA}
Speech Therapy (not Language Therapy) {ST}
Telecommunication {TL}
Telecommunication Devices for the Deaf (TDD's) {TD}
Terminal Emulators (Special Only) {TE}
Training and Communication Initiation Aids {TR}
Vocational {VO}
Voice Amplifiers {VA}
Word Processing (Writing) {WP}

The following is a list of the Function codes which may appear in parentheses after items in this index:

AD	Activities of Daily Living
AL	Artificial Larynx
AM	Administration or Management
AP	Authoring Program
AR	Analysis or Reporting Software
AS	Assessment (Evaluation)
BD	Braille Printer or Tactile Display (Component)
BP	Book/Paper Handling
BR	Braille
CI	Conversation/Interaction
CM	Call, Monitoring, or Memory System
CN	Calculation/Math Aid
CR	Cognitive Rehabilitation
DR	Drawing
DS	Database Management/Spreadsheet
EA	Electronic Communication or Writing Aid
EC	Environmental Control
ES	Early Skills (Pre-Reading)
ET	Education, Training, or Therapy
GA	Game
IA	Input Adapter for Computer
ID	Input Device Usable with Only Some Software
IE	IEP or IPP
KB	Keyboarding Training Program
KE	Keyboard Emulating Interface
KG	Keyguard
KM	Modification for Standard Keyboard
LP	Large Print Output
LR	Lipreading (Speech Reading)
LS	Later Skills (Includes Reading)
LT	Language Therapy/Development
MT	Mouse or Touch Pad Emulation
NA	Non-Electronic Communication Aid
OA	Other Software or Hardware Adaptation
PA	Personal Tool or Aid (for Speaking, Writing, Drawing, Controlling, etc.)
PC	Phone Control/Access
PT	Pointing or Typing Aid
PW	Portable Writing
RE	Recreation
SA	Speech Aid
SI	Signing
SS	Speech Synthesizer
ST	Speech Therapy (not Language Therapy)
SV	Screen (Display) to Voice
SW	Switch or Control
TD	Telecommunication Device for the Deaf (TDD)
TE	Terminal Emulator (Special Only)
TI	Alternate Input Usable with All Software
TL	Telecommunication
TO	Alternate Display System Usable with All Software
TR	Training or Communication Initiation Aid
TW	Alternate Input Adaptable for Use with All Software (Transparent With)
VA	Voice Amplifier
VO	Vocational
WP	Word Processing (Writing)

Activities of Daily Living {AD}

Functional Skills Screening Inventory *(AR,AS,VO) 3-176*
PII - Personalized Information for Independence *(AR,CR,ET,LS) 3-254*
Survival Words *(AS,ET,LS,LT) 3-275*

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Word Class Inventory for School Age Children *(AR,LT) 3-167*

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BraT *(BD,BR,TE,TL) 3-84*
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Enhanced PC Talking Program *(SV) 3-85*
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Computerized Enabling System *(CI,EC,PA,PC) 3-315*
DART-5000 *(TI) 3-26*
EDACTS Keyboard *(CI,EC,TI) 3-27*
Equalizer *(CI,DR,EA,PW,RE,TI,TW) 1-64*
Intele-Type *(CI,PC,TD,TL) 1-90*
Keyboarding For The Dyslexic *(ET,KB,LS) 3-230*
Keyboarding for the Visually Limited *(ET,KB,LP) 3-231*
Keyboarding with One Hand *(ET,KB) 3-232*
Keynote *(PA,PW,SV,TL,TO) 3-88*
Keytalk *(ET,KB,LS,SV) 3-233*
Kid Talk *(ES,ET,PA,SV) 3-322*
Large Print Word Processor *(LP,PA) 3-323*
Large Type *(LP,PA) 3-323*
Listen to Learn *(ET,LS) 3-238*
Living Center III *(CI,CN,EA,EC,RE) 1-69*
LoVE *(LP,PA,SV) 3-325*
Mac-Apple Communication Aid *(CI,CN,DR,ES,ET,PA) 3-325*
Magic Slate *(ET,LP,LS,PA) 3-239*
Micro Braille *(BR,PA) 3-327*
Microbrailler 2400 *(BD,PW,TO) 3-107*
Morser *(PA) 3-328*
MultiScribe *(LP,PA) 3-329*
PACA (Portable Anticipatory Communication Aid) *(CI,CN,EA,PW) 1-71*
Phonics, Text, and Graphics *(DR,ET,RE) 3-252*
Prompt-Writer *(KM,PA,SV) 3-331*
ProWORDS *(PA,SV) 3-332*
Quad-Independence Typewriter-Printer System *(EA,KM) 1-73*
QuickWord *(DS,KM,TI) 3-45*
Small Talk *(CI,CN,EA,PW,SV,TI,TW) 1-75*
Speech Writer *(PA,SV) 3-336*
Talker *(PA,SV) 3-338*
Talking 100 *(CI,EA,PC,PW) 1-78*
Talking Apple Literacy Kit *(ET,GA,KB) 3-277*
Talking Text Writer *(ET,LS,SV) 3-279*
Talking Wheelchair *(CI,GA,PA,RE) 3-340*
Talking Writer *(ET,KB,LP,PA,SV) 3-341*
Telewriter *(CI,TD,TL) 1-98*
Textalk *(LP,PA,SV) 3-343*
Textwriter 2.0 *(PA,SV) 3-343*
TIM *(CI,EA,PW) 1-79*
Touch Window *(DR,DS,ID,RE) 3-65*
Trine System (ACS) *(CI,EA,PW,TI,TW) 1-80*
Trine System (Words+) *(CI,EA,PW,TI,TW) 1-81*
VERBal STAR *(PA,SV) 3-347*
VersaBraille *(BD,BR,PA) 3-111*
VIC-20 Scanner *(CI,PA) 3-347*

Viewscan Text System *(CN,LP,PA,PW,TE,TO) 3-100*
Word-Talk *(PA,SV) 3-348*
Words-to-Voice *(SV,TO) 3-101*
Zygo Notebook *(CI,EA,PW) 1-85*

Index 2

Products Listed by Input/Output Feature

This index includes lists of products (except switches) according to Input and Output Features considered useful in a search. Each list includes any product in the three books with that feature. Products are arranged alphabetically within each list. The function codes assigned to that product follow in parentheses. Switches are listed separately in Index 3.

For example, if you are looking for a word processing program with both large print and synthesized speech output, you would go to the list titled 'Output Display: Large Print'. As you look through the list you would note those products with the function codes WP (word processing) and SV (screen display to voice). By searching in this manner you would identify five programs that meet the function/feature criteria. You would then go to the individual product descriptions to check on the type of computer, age appropriateness, additional features, etc. Once the search has been narrowed, the manufacturer would be called for up-to-date information on the product.

Index 2: Products Listed by INPUT/OUTPUT FEATURE

The following is the order of the Features by which products in this index are listed:

Input Expand/Accel: Abbreviation Expansion {IEA}
Input Expand/Accel: Encoding (Chart or Memory Based) {IEE}
Input Expand/Accel: Levels or Pages {IEL}
Input Expand/Accel: Morse {IEM}
Input Expand/Accel: Predictive {IEP}

Input Method: Directed Scanning {IMX}
Input Method: Scanning {IMS}

Input Symbol System: Auditory Presentation (eg Auditory Scanning) {ISH}
Input Symbol System: Bliss Symbols {ISS}
Input Symbol System: Photos/Pictures/Line Drawings {ISP}
Input Symbol System: User Selectable Symbols {ISU}
Input Symbol System: Whole Words {ISW}

Input Type: Air (Sip/Puff) {ITA}
Input Type: Contact (Zero Pressure) {ITC}
Input Type: Eye Movement and Eye Gaze {ITE}
Input Type: Head Controlled {ITH}
Input Type: Joystick/Wobblestick {ITJ}
Input Type: Light Sensitive (Optical) {ITL}
Input Type: Noise (Sound or Vocalization) {ITN}
Input Type: OCR (Optical Character Recognition) {ITO}
Input Type: Pressure Sensitive {ITP}
Input Type: Speech Recognition {ITS}
Input Type: Wireless {ITW}

Output/Display: Braille Printer {ODB}
Output/Display: Deaf Baudot (for TDD's) {ODD}
Output/Display: Ideographic/Pictographic Symbols {ODI}
Output/Display: Large Print {ODL}
Output/Display: Modem (ASCII) {ODM}
Output/Display: Speech Output {ODS}
Output/Display: Tactile/Braille Display (Dynamic) {ODT}

Switch Inputs: Uses Analog Control {SIA}
Switch Inputs: Uses Dual Switch {SI2}
Switch Inputs: Uses Joystick (4 or 5 Switches) {SIJ}
Switch Inputs: Uses Keyboard (16 Switches and up) {SIK}
Switch Inputs: Uses Multiple Switches (3 to 15 Switches) {SIM}
Switch Inputs: Uses Single Switch {SI1}

Terminal Emulating Outputs {ODX}

The following is a list of the Function codes which may appear in parentheses after items in this index:

AD	Activities of Daily Living
AL	Artificial Larynx
AM	Administration or Management
AP	Authoring Program
AR	Analysis or Reporting Software
AS	Assessment (Evaluation)
BD	Braille Printer or Tactile Display (Component)
BP	Book/Paper Handling
BR	Braille
CI	Conversation/Interaction
CM	Call, Monitoring, or Memory System
CN	Calculation/Math Aid
CR	Cognitive Rehabilitation
DR	Drawing
DS	Database Management/Spreadsheet
EA	Electronic Communication or Writing Aid
EC	Environmental Control
ES	Early Skills (Pre-Reading)
ET	Education, Training, or Therapy
GA	Game
IA	Input Adapter for Computer
ID	Input Device Usable with Only Some Software
IE	IEP or IPP
KB	Keyboarding Training Program
KE	Keyboard Emulating Interface
KG	Keyguard
KM	Modification for Standard Keyboard
LP	Large Print Output
LR	Lipreading (Speech Reading)
LS	Later Skills (Includes Reading)
LT	Language Therapy/Development
MT	Mouse or Touch Pad Emulation
NA	Non-Electronic Communication Aid
OA	Other Software or Hardware Adaptation
PA	Personal Tool or Aid (for Speaking, Writing, Drawing, Controlling, etc.)
PC	Phone Control/Access
PT	Pointing or Typing Aid
PW	Portable Writing
RE	Recreation
SA	Speech Aid
SI	Signing
SS	Speech Synthesizer
ST	Speech Therapy (not Language Therapy)
SV	Screen (Display) to Voice
SW	Switch or Control
TD	Telecommunication Device for the Deaf (TDD)
TE	Terminal Emulator (Special Only)
TI	Alternate Input Usable with All Software
TL	Telecommunication
TO	Alternate Display System Usable with All Software
TR	Training or Communication Initiation Aid
TW	Alternate Input Adaptable for Use with All Software (Transparent With)
VA	Voice Amplifier
VO	Vocational
WP	Word Processing (Writing)

Input Expand/Accel: Abbreviation Expansion {IEA}

AARON *(CI,PA,WP) 3-307*
ACES *(AS,ET) 3-171*
ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
EXPAND *(TI,TW) 3-29*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
EyeTyper Model 200 *(CI,EA,EC,PC,PW,TI) 1-66*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
Keyworks *(KM,TI) 3-37*
Lifestyle Personal Communicator *(CI,CN,PC,TD,TL) 1-91*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
MacroWorks *(KM) 3-14*
PC AID *(TI) 3-41*
PC Serial AID *(TI) 3-42*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Portable Voice II *(CI,EA,PW) 1-72*
ProKey *(KM) 3-17*
ProTERM *(SV,TE,TO) 3-94*
QuickWord *(DS,KM,TI,WP) 3-45*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
Smartkey *(KM) 3-18*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
SpeechAid *(CI,EA,PW,TI,TW) 1-76*
SpeechPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-76*
SuperKey *(KM) 3-19*
Talking 100 Communicator *(CI,EA) 1-78*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
Trine System (ACS) *(CI,EA,PW,TI,TW,WP) 1-80*
Trine System (Words+) *(CI,EA,PW,TI,TW,WP) 1-81*
V.P. *(SV,TO) 3-99*
Voice Communications System *(PC,TI) 3-54*
XtraKey *(KM) 3-20*
Zygo Notebook *(CI,EA,PW,WP) 1-85*

Input Expand/Accel: Encoding (Chart or Memory Based) {IEE}

ACES *(AS,ET) 3-171*
Apple Demo Disk *(AS,ET) 3-190*
Canon Communicator M *(CI,EA,PW,TI,TW) 1-63*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Message Maker *(CI,PA) 3-327*
Minspeak 1 *(CI,EA,EC,PW,TI,TW) 1-70*
MOD Keyboard System *(CI,TI,TW) 3-40*
Quick Talk *(CI,PA,PC) 3-332*
RIC Easy Talker *(CI,PA) 3-333*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
Talk II *(CI,PA) 3-337*
Talking Wheelchair *(CI,GA,PA,RE,WP) 3-340*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
VOIS 140 *(CI,EA) 1-83*
VOIS 150 *(CI,EA) 1-84*
Word Communication *(CI,PA) 3-348*

Input Expand/Accel: Levels or Pages {IEL}

ACES *(AS,ET) 3-171*
Handi-Writer Version 3.51 *(CI,PA) 3-320*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Prism Communication Tray *(CI,ET,NA) 1-55*
Say It *(CI,PA) 3-334*
SCANWOLF *(CI,EA,TR) 1-74*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
SonomaVoice *(CI,ET,TR) 1-27*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
Talking Word Board *(CI,PA) 3-341*
Target *(AS,CI,ET,TR) 3-280*
TIM *(CI,EA,PW,WP) 1-79*
Timothy Communications Package *(CI,EA,PW) 1-79*
Touch & Speak *(CI,ET,PA,TR) 3-344*
Touch Com *(AS,CI,ET,TR) 3-183*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
VOIS 130 *(CI,EA) 1-82*
VOIS 135 *(CI,EA) 1-83*
WOLF *(CI,EA,TR) 1-84*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*
Zygo TETRAscan II *(TI) 3-57*

Input Expand/Accel: Morse {IEM}

Access-Ability *(TI) 3-23*
ACES *(AS,ET) 3-171*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
Deuce *(EC,PC,TW) 2-48*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
Math Disk *(CN,ET) 3-240*
Morse Code & Scanning Practice Programs *(ET,GA,RE) 3-247*
Morse Code Drills *(ET) 3-248*
Morse-Code Based Keyboard Emulator *(TI) 3-40*
Morser *(PA,WP) 3-328*
PC AID *(TI) 3-41*
PC Morse Code *(ET) 3-251*
Phonics, Text, and Graphics *(DR,ET,RE,WP) 3-252*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Portable Voice II *(CI,EA,PW) 1-72*
Puffin Morse Code Entry System *(TI) 3-44*
Special Inputs Disk *(AS,ET,KM,TI) 3-47*

Input Expand/Accel: Predictive {IEP}

ACES *(AS,ET) 3-171*
Comm-Prog *(CI,PA) 3-313*
MicroDEC II *(CM,EC,PC) 2-57*
PACA (Portable Anticipatory Communication Aid) *(CI,CN,EA,PW,WP) 1-71*

Input Method: Directed Scanning {IMX}

ACES *(AS,ET) 3-171*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
Computer Entry Terminal *(TI) 3-25*
Easy Programmer *(PA) 3-317*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Enable Writer *(TI) 3-28*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
Joywriter *(LP,PA) 3-322*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
MOD Keyboard System *(CI,TI,TW) 3-40*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
Switchboard *(CI,EA,ET) 1-77*
Word Communication *(CI,PA) 3-348*
X-10 Powerhouse Computer Interface *(EC,PA) 3-349*

Input Method: Scanning {IMS}

AARON *(CI,PA,WP) 3-307*
Academics with Scanning: Language Arts *(ET,LS) 3-188*
Academics with Scanning: Math *(CN,ET) 3-188*

ACES *(AS,ET) 3-171*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
ALTKEY *(TI) 3-24*
Apple Demo Disk *(AS,ET) 3-190*
Appliance Genie *(AS,EC,ET,PA) 3-307*
Audio Scan *(CI,PA) 3-308*
Blisspen *(ET,LS) 3-193*
Blissymbolics: Bliss Drills *(ES,ET) 3-194*
Blissymbolics: Blissboard *(CI,ET,PA) 3-310*
Blissymbolics: Blissymbol Concepts *(ES,ET) 3-194*
Catch the Cow *(AS,ET) 3-173*
Choice Maker I *(AR,ES,ET) 3-198*
Clock Communicator *(AS,CI,ET,TR) 1-18*
Com Board *(AS,CI,ET,TR) 1-19*
Comm-Prog *(CI,PA) 3-313*
Communicator *(PA,WP) 3-314*
Communiclock *(AS,CI,ET,TR) 1-19*
Compartmentalized Communicator *(AS,CI,ET,TR) 1-20*
Compudapter *(TI) 3-25*
Computer Entry Terminal *(TI) 3-25*
Computerized Enabling System *(CI,EC,PA,PC,WP) 3-315*
Control 1 *(EC,PC) 2-47*
Counting Critters *(CN,ES,ET) 3-209*
Deuce *(EC,PC,TW) 2-48*
Dial Scan *(AS,CI,ET,TR) 1-21*
E-Tran Scanner *(AS,CI,ET,TR) 1-23*
Easicorder *(EC) 2-51*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Equalizer *(CI,DR,EA,PW,RE,TI,TW,WP) 1-64*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
EZBAS *(CI,OA) 3-132*
EZRA *(CI,CM,EC,PC) 2-54*
Fast Access Scan Talker *(CI,PA) 3-318*
First Categories *(ES,ET,LS,LT) 3-218*
First Verbs *(ES,ET,LT) 3-219*
First Words *(ES,ET,LT) 3-219*
First Words II *(ES,ET,LT) 3-220*
Flexcom *(CI,EA,EC) 1-67*
Florida Scanner *(AP,OA) 3-134*
Handi-Routine *(AP,OA) 3-135*
Handi-Writer Version 3.51 *(CI,PA) 3-320*
I Can Talk *(CI,ES,ET,LT,TR) 3-226*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
Joywriter *(LP,PA) 3-322*
Kennedy Switch Key Software *(CI,ET,OA,TI) 3-136*
Language L.A.B. *(AP,AR,ES,ET,LT) 3-234*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Living Center III *(CI,CN,EA,EC,RE,WP) 1-69*
Mac-Apple Communication Aid *(CI,CN,DR,ES,ET,PA,WP) 3-325*
Magic Cymbals *(CI,PA) 3-326*
Math Disk *(CN,ET) 3-240*
Math Scan *(CN,ET) 3-241*
MECCA *(EC,PC) 2-57*
Message Maker *(CI,PA) 3-327*
Micro-LADS *(AS,ET,LT) 3-179*
MicroDEC II *(CM,EC,PC) 2-57*
MOD Keyboard System *(CI,TI,TW) 3-40*
Morse Code & Scanning Practice Programs *(ET,GA,RE) 3-247*
Motor Training Games *(AS,ET,GA,RE) 3-301*
Multi-Scan *(AS,CI,ET,PA,TR) 3-329*
Omnibox *(ET,ID,TR) 3-63*
PACA (Portable Anticipatory Communication Aid) *(CI,CN,EA,PW,WP) 1-71*
PC AID *(TI) 3-41*
PC Serial AID *(TI) 3-42*
Phonics, Text, and Graphics *(DR,ET,RE,WP) 3-252*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
PIC Man *(DR,ET,RE) 3-302*
Picture Communication *(CI,ET,PA) 3-331*
Poc-Ett System *(AS,CI,ET,TR) 1-25*
Portable Voice II *(CI,EA,PW) 1-72*
Rabbit Scanner *(AS,ES,ET) 3-260*
RIC Easy Talker *(CI,PA) 3-333*
Say It *(CI,PA) 3-334*
Scan & Speak *(CI,ET,TR) 3-264*
Scanning Conversion Program *(AP,OA) 3-141*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
SCANWOLF *(CI,EA,TR) 1-74*
Sentence-Scan *(CI,ET,PA) 3-334*
Sequential Scanner *(AS,CI,ET,TR) 1-26*
Single Switch Game Library *(ET,GA,RE) 3-303*
Single-Input Assessment Software *(AR,AS,ET,TR) 3-182*
Small Clock Communicator *(AS,CI,ET,TR) 1-26*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
Special Inputs Disk *(AS,ET,KM,TI) 3-47*
Special Needs Volume 1 - Spelling *(ET,LS) 3-269*
Special Needs Volume 2 - Simulations & Drills *(CN,ET,LS) 3-270*
Speller Teller *(AS,CI,ET,TR) 1-27*
Sunny Days *(ET,LS) 3-274*
Switchboard *(CI,EA,ET) 1-77*
Symbol Writer *(AS,ES,ET,GA) 3-276*
TAG: Talking Animated Graphics *(ES,ET) 3-276*
Talk II *(CI,PA) 3-337*
Talking 100 Communicator *(CI,EA) 1-78*
Talking Aid *(CI,PA) 3-338*
Talking BlissApple *(CI,ET,PA) 3-339*
Talking Scanner *(ET,SV) 3-279*
Target *(AS,CI,ET,TR) 3-280*
Television Channel Selector *(EC) 2-66*
TIM *(CI,EA,PW,WP) 1-79*
Timothy Communications Package *(CI,EA,PW) 1-79*
TOSC-2 Environmental Control System *(CM,EC,PC) 2-67*
Toy Scanner *(AR,AS,ET) 3-284*
ToyPAC *(AS,EC,ET,RE,TR) 1-33*
Variable Position Scanner *(AS,CI,ET,TR) 1-34*
Versascan *(AS,CI,ET,TR) 1-35*
VIC-20 Scanner *(CI,PA,WP) 3-347*
Visual/Perceptual Diagnostic Testing & Training Progs. *(AR,AS,CR,ES,ET) 3-184*
VOIS 150 *(CI,EA) 1-84*
Ways to Play *(ET,GA,RE) 3-293*
Word Communication *(CI,PA) 3-348*
X-10 System *(EC) 2-71*
Zygo Model 100 *(CI,EA,ET,PW,TI,TW) 1-85*
Zygo Model 16C *(AS,CI,ET,TR) 1-36*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*
Zygo TETRAscan II *(TI) 3-57*

Input Symbol System: Auditory Presentation (eg Auditory Scanning) {ISH}

Audio Scan *(CI,PA) 3-308*
Letter Find *(CN,ES,ET,KB,SV) 3-236*
RIC Easy Talker *(CI,PA) 3-333*
Say It *(CI,PA) 3-334*
Sight Word Spelling *(ET,LS,SV) 3-265*

Input Symbol System: Bliss Symbols {ISS}

Blisspen *(ET,LS) 3-193*
Blissymbol Vocabulary Stamps *(CI,ET,NA) 1-41*
Blissymbolics: Bliss Drills *(ES,ET) 3-194*
Blissymbolics: Bliss Library *(AP,PA) 3-309*
Blissymbolics: Blissboard *(CI,ET,PA) 3-310*
Blissymbolics: Blissymbol Concepts *(ES,ET) 3-194*
PIC Man *(DR,ET,RE) 3-302*
Picture Communication *(CI,ET,PA) 3-331*
Picture Your Blissymbols *(CI,ET,NA) 1-52*
Talking BlissApple *(CI,ET,PA) 3-339*
Ten Key Board *(ID) 3-64*

Input Symbol System: Photos/Pictures/Line Drawings {ISP}

Appliance Genie *(AS,EC,ET,PA) 3-307*
Bear Jam *(ES,ET) 3-193*
Brighter Pathways Communication Symbols and Grids *(CI,ET,NA) 1-41*
Choice Board *(AS,ET,NA) 1-42*
Cleo Communication Board *(CI,NA) 1-42*
Communication Sheets *(CI,ET,NA) 1-44*
Core Picture Vocabulary *(CI,ET,NA) 1-44*
Exploratory Play *(ES,ET,LT) 3-214*
EyeTyper *(CI,EA,EC,TI) 1-66*
Foto Series *(ET,NA) 1-47*
Help Me to Help Myself *(CI,ET,NA) 1-47*
I Can Talk *(CI,ES,ET,LT,TR) 3-226*
Language L.A.B. *(AP,AR,ES,ET,LT) 3-234*
Life Experiences Communication Kit *(CI,ET,NA) 1-48*
Magic Cymbals *(CI,PA) 3-326*
Oakland Schools Picture Dictionary *(CI,ET,NA) 1-49*
Opticommunicator *(CI,ET,NA) 1-50*
PICSYMS Categorical Dictionary *(CI,ET,NA) 1-51*
Pictogram Ideogram Communication (PIC) *(CI,ET,NA) 1-51*
Picture Communication *(CI,ET,PA) 3-331*
Pictures, Please! *(CI,ET,NA) 1-53*
Point to Pictures Development Kit *(AP,AR,AS,ES,ET) 3-255*
Point to Pictures Discrimination Kit *(AR,AS,ES,ET,TR) 3-255*
Point to Pictures Lesson Plan Masters *(ES,ET) 3-256*
Practice Communication Cards *(AS,CI,ET,NA) 1-55*
Representational Play *(ES,ET,LT) 3-263*
SimpleCom II: Needs/Wants Communication *(CI,ET,TR) 3-266*
Speller Teller *(AS,CI,ET,TR) 1-27*
Talking Paddles *(CI,ET,NA) 1-56*
Talking Pictures Communication Board *(CI,ET,NA) 1-57*
Talking Pictures, Kits I, II, and III *(CI,ET,NA) 1-57*
Touch 'N Talk Communication Stickers *(CI,ET,NA) 1-59*
Touch 'N Talk Micros *(CI,ET,NA) 1-59*
Tri-Responder *(AS,ET,TR) 1-34*
Unipix *(CI,ET,NA) 1-60*
Vocaid *(CI,EA) 1-82*

Input Symbol System: User Selectable Symbols {ISU}

ACES *(AS,ET) 3-171*
Activity Board *(AS,EC,TR) 1-16*
AllTalk *(CI,EA,ET,TR) 1-63*
Choice Board *(AS,ET,NA) 1-42*
Clock Communicator *(AS,CI,ET,TR) 1-18*
Com Board *(AS,CI,ET,TR) 1-19*
Communication Binder *(CI,NA) 1-43*
Communication Folder *(CI,NA) 1-43*
Communiclock *(AS,CI,ET,TR) 1-19*
Compartmentalized Communicator *(AS,CI,ET,TR) 1-20*
Control Without Keyboards *(AS,CI,ET,PA) 3-315*
Dial Scan *(AS,CI,ET,TR) 1-21*
Expanded Keyboards for the Adaptive Firmware Cards *(TI) 3-30*
Expanded Keyboards for the Talking BlissApple *(KG,TI) 3-31*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
Eye Transfer Communication System *(CI,ET,NA) 1-45*
Eye-Com Board *(CI,ET,NA) 1-46*
EyeTyper *(CI,EA,EC,TI) 1-66*
EyeTyper Model 200 *(CI,EA,EC,PC,PW,TI) 1-66*
Flexcom *(CI,EA,EC) 1-67*
Fold-It System *(CI,NA) 1-46*
Individualized Communication Systems *(CI,ET,NA) 1-48*
Keyboard Emulator *(TI) 3-35*
Keyport 300 *(TI) 3-36*
Keyport 60 *(TI) 3-36*
King Keyboard *(TI) 3-37*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Logo TouchTools for the PowerPad *(AS,ES,ET) 3-239*
Mini Talking Card Reader *(CI,EA,ET) 1-70*
Minspeak 1 *(CI,EA,EC,PW,TI,TW) 1-70*
Opticommunicator *(CI,ET,NA) 1-50*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
PIC Word Board *(CI,ET,NA) 1-50*
Poc-Ett System *(AS,CI,ET,TR) 1-25*
Pocket-Sized Communication Book *(CI,NA) 1-53*
Porta Book *(CI,NA) 1-54*
Portable Communication Boards *(CI,NA) 1-54*
Portable Voice II *(CI,EA,PW) 1-72*
PowerPad *(DR,ID,RE) 3-64*
Pressure Sensitive Expanded Keyboard *(TI) 3-43*
Prism Communication Tray *(CI,ET,NA) 1-55*
Scan & Speak *(CI,ET,TR) 3-264*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
SCANWOLF *(CI,EA,TR) 1-74*
Sequential Scanner *(AS,CI,ET,TR) 1-26*
SimpleCom I: Yes/No Communication *(CI,ET,TR) 3-265*
Small Clock Communicator *(AS,CI,ET,TR) 1-26*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
SpeechPad *(CI,EA) 1-77*
Speller Teller *(AS,CI,ET,TR) 1-27*
Switchboard *(CI,EA,ET) 1-77*
Symbol Training Display *(AS,ET,TR) 1-29*
Talking Paddles *(CI,ET,NA) 1-56*
Talking Pictures Communication Board *(CI,ET,NA) 1-57*
Talking Word Board *(CI,PA) 3-341*
Target *(AS,CI,ET,TR) 3-280*
Ten Key Board *(ID) 3-64*
TIGERbook *(ET,TR) 1-30*
Touch & Speak *(CI,ET,PA,TR) 3-344*
Touch 'N Talk Communication Board *(CI,ET,NA) 1-58*
Touch 'N Talk Communication Notebook *(CI,NA) 1-58*
Touch Com *(AS,CI,ET,TR) 3-183*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
Tri-Responder *(AS,ET,TR) 1-34*
Unicorn Expanded Keyboard *(TI,TW) 3-50*
Variable Position Scanner *(AS,CI,ET,TR) 1-34*
Versascan *(AS,CI,ET,TR) 1-35*
Vocaid *(CI,EA) 1-82*
VOIS 130 *(CI,EA) 1-82*
VOIS 135 *(CI,EA) 1-83*
VOIS 140 *(CI,EA) 1-83*
VOIS 150 *(CI,EA) 1-84*
WOLF *(CI,EA,TR) 1-84*
Zygo Model 100 *(CI,EA,ET,PW,TI,TW) 1-85*
Zygo Model 16C *(AS,CI,ET,TR) 1-36*
Zygo TETRAscan II *(TI) 3-57*

Input Symbol System: Whole Words {ISW}

AARON *(CI,PA,WP) 3-307*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
Comm-Prog *(CI,PA) 3-313*
Compudapter *(TI) 3-25*
Computer Entry Terminal *(TI) 3-25*
DP-200 Connected Speech Recognizer *(ID) 3-61*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Expanded Keyboards for Speak N' Spell *(EA,ET,TR) 1-65*
EyeTyper *(CI,EA,EC,TI) 1-66*
Help Me to Help Myself *(CI,ET,NA) 1-47*
I Can Talk *(CI,ES,ET,LT,TR) 3-226*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
King Keyboard *(TI) 3-37*
Mac-Apple Communication Aid *(CI,CN,DR,ES,ET,PA,WP) 3-325*
Message Maker *(CI,PA) 3-327*
MOD Keyboard System *(CI,TI,TW) 3-40*
Pronounce *(TI) 3-43*
Sentence-Scan *(CI,ET,PA) 3-334*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
Talk II *(CI,PA) 3-337*
Talking 100 Communicator *(CI,EA) 1-78*

Talking Wheelchair *(CI,GA,PA,RE,WP) 3-340*
TIM *(CI,EA,PW,WP) 1-79*
Vocaid *(CI,EA) 1-82*
Voicescribe-1000 *(TI) 3-55*
Voicescribe-20000 *(TI) 3-56*
VOIS 130 *(CI,EA) 1-82*
VS1000 Voice Communications Device *(ID) 3-65*
Word Communication *(CI,PA) 3-348*

Input Type: Air (Sip/Puff) {ITA}

CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
Directel *(EC,PC) 2-49*
Puff'N Buzzer Switch *(AS,CM,TR) 2-81*
Voice of Help *(CM) 2-83*

Input Type: Contact (Zero Pressure) {ITC}

Compudapter *(TI) 3-25*
Keasyboard *(KG,TI) 3-35*

Input Type: Eye Movement and Eye Gaze {ITE}

Choice Board *(AS,ET,NA) 1-42*
Eye Transfer Communication System *(CI,ET,NA) 1-45*
Eye-Com *(CI,ET,NA) 1-45*
Eye-Com Board *(CI,ET,NA) 1-46*
EyeTyper *(CI,EA,EC,TI) 1-66*
EyeTyper Model 200 *(CI,EA,EC,PC,PW,TI) 1-66*
Nu-Vue-Cue *(CI,ET,NA) 1-49*
Opticommunicator *(CI,ET,NA) 1-50*
Symbol Training Display *(AS,ET,TR) 1-29*

Input Type: Head Controlled {ITH}

CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
HeadMaster *(MT,TI) 3-33*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Lite Touch *(DR,GA,RE,TI) 3-38*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Screenkeys *(TI) 3-47*

Input Type: Joystick/Wobblestick {ITJ}

ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
Apple Adaptor *(IA,SW) 3-69*
CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
Computer Entry Terminal *(TI) 3-25*
Computer Progs. for Neuropsychological Testing & Rehab. *(AR,CR,ET,LS) 3-206*
Computerized Enabling System *(CI,EC,PA,PC,WP) 3-315*
ControlPAC *(AS,EC,ET) 2-48*
Edmark Reading Program, Level 1 *(ES,ET,LS) 3-212*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Enable Writer *(TI) 3-28*
Evaluation System *(AS,ET) 3-176*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
EZBAS *(CI,OA) 3-132*
Foundations I *(AR,CR,ES,ET) 3-221*
Foundations II *(AR,CR,ES,ET) 3-222*
Function Recognition *(AR,CR,ES,ET) 3-223*
Game Paddle for Apple II Computers *(SW,TI,TW) 3-32*
Graphics Magician Jr. *(DR,PA,RE) 3-319*
Graphics Magician Painter *(DR,PA,RE) 3-319*
Hand/Eye Coordination Programs *(DR,ES,ET,RE) 3-225*
Kindermath II *(CN,ES,ET) 3-233*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Memory I *(CR,ES,ET,LS) 3-243*
Memory II *(CR,ES,ET,LS) 3-244*
Memory Patterns *(AR,AS,ES,ET,LT) 3-244*
MOD Keyboard System *(CI,TI,TW) 3-40*
Motorized Easel *(BP,EC) 2-58*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Picture Perfect *(DR,RE) 3-302*
Preposition Recognition *(AR,CR,ES,ET,LT) 3-257*
Race the Clock *(ET,GA,RE) 3-260*
Reading Recognition *(AR,AS,ET,LS) 3-262*
SAID: Say as I Do *(ES,ET) 3-263*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
Surrounding Patterns (and other programs) *(CR,ES,ET,LS) 3-274*
Survival Words *(AD,AS,ET,LS,LT) 3-275*
Visual Recognition *(AR,AS,ES,ET,LT) 3-289*
Visuospatial Skills *(AR,CR,ET) 3-290*
VOIS 150 *(CI,EA) 1-84*
Word Communication *(CI,PA) 3-348*
Word Recognition *(AR,AS,ES,ET,LT) 3-294*
X-10 Powerhouse Computer Interface *(EC,PA) 3-349*

Input Type: Light Sensitive (Optical) {ITL}

ACES *(AS,ET) 3-171*
Blazing Paddles *(DR,ET,RE) 3-299*
Commodore Light Pen *(AP,DR,ID) 3-61*
Computer Entry Terminal *(TI) 3-25*
ControlPAC *(AS,EC,ET) 2-48*
Express 3 *(CI,EA,EC,PW,TI,TW) 1-65*
Gibson Light Pen System *(DR,GA,ID,PA,RE) 3-62*
Light Pointer *(PT) 1-11*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Lightpen Programs for Special Education I & II *(CN,ET,LS) 3-237*
Lite Touch *(DR,GA,RE,TI) 3-38*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Point and Read *(ET,LS) 3-254*
Screenkeys *(TI) 3-47*
Talking Beam *(PT) 1-12*
Talking BlissApple *(CI,ET,PA) 3-339*
Viewpoint Optical Indicator 6 *(PT) 1-12*
Visual/Perceptual Diagnostic Testing & Training Progs. *(AR,AS,CR,ES,ET) 3-184*

Input Type: Noise (Sound or Vocalization) {ITN}

Silent Page System *(CM) 2-82*
Sound Activated Light Switch *(EC) 2-63*
Sound Monitor *(CM) 2-83*
Watchman *(CM) 2-84*
Whistleswitch Remote Control *(EC) 2-70*
Wireless Alerting Systems *(CM) 2-84*

Input Type: OCR (Optical Character Recognition) {ITO}

PC Reader *(TI) 3-42*
Ready Reader *(TI) 3-45*
Words-to-Voice *(SV,TO,WP) 3-101*

Input Type: Pressure Sensitive {ITP}

Activity Board *(AS,EC,TR) 1-16*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
AllTalk *(CI,EA,ET,TR) 1-63*

Alphabet with Tom and Andy *(AR,ES,ET) 3-189*
Bear Jam *(ES,ET) 3-193*
CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
Choice Board *(AS,ET,NA) 1-42*
Choice Maker I *(AR,ES,ET) 3-198*
Cleo Communication Board *(CI,NA) 1-42*
Coinsnkeys *(CN,ES,ET,KB) 3-202*
Communication Binder *(CI,NA) 1-43*
Communication Folder *(CI,NA) 1-43*
Communication Sheets *(CI,ET,NA) 1-44*
Control Without Keyboards *(AS,CI,ET,PA) 3-315*
Core Picture Vocabulary *(CI,ET,NA) 1-44*
Creativity Tool Box *(AP,DR,ET,RE) 3-299*
Door Monitor *(CM) 2-77*
E-Z Call *(CM) 2-77*
EDACTS Keyboard *(CI,EC,TI,WP) 3-27*
Environmental Control *(EC) 2-52*
Environmental Control System *(EC) 2-53*
Expanded Computer Keyboards *(KG,TI) 3-29*
Expanded Keyboard for Automatic Telephone *(EC,PC) 2-53*
Expanded Keyboards *(TI,TW) 3-30*
Expanded Keyboards for Speak N' Spell *(EA,ET,TR) 1-65*
Expanded Keyboards for the Adaptive Firmware Cards *(TI) 3-30*
Expanded Keyboards for the Talking BlissApple *(KG,TI) 3-31*
Exploratory Play *(ES,ET,LT) 3-214*
EZ Pilot for PowerPad *(AP,ET) 3-214*
FingerTip Controller *(SW,TI) 3-31*
Fold-It System *(CI,NA) 1-46*
Footmouse *(MT,TI) 3-32*
Function Recognition *(AR,CR,ES,ET) 3-223*
Graphics Magician Painter *(DR,PA,RE) 3-319*
Help Me to Help Myself *(CI,ET,NA) 1-47*
Individualized Communication Systems *(CI,ET,NA) 1-48*
Jumbo Phone with 9 Memories *(EC,PC) 2-56*
Kennedy Switch Key Software *(CI,ET,OA,TI) 3-136*
Keyboard Covers *(KM) 3-7*
Keyboard Emulator *(TI) 3-35*
Keyport 300 *(TI) 3-36*
Keyport 60 *(TI) 3-36*
King Keyboard *(TI) 3-37*
KoalaPad *(DR,ID) 3-62*
Lenical *(AP,AS,ET) 3-236*
Leo's 'Lectric Paintbrush *(DR,ET,PA,RE) 3-324*
Life Experiences Communication Kit *(CI,ET,NA) 1-48*
Lifestyle Personal Communicator Expanded Keyboard *(TD) 1-91*
Linear Alert ET-1A *(CM) 2-80*
LogicMaster *(AS,ET,LS) 3-238*
Logo TouchTools for the PowerPad *(AS,ES,ET) 3-239*
Math Scan *(CN,ET) 3-241*
Memory Patterns *(AR,AS,ES,ET,LT) 3-244*
Micro Illustrator *(DR,ET,PA,RE) 3-328*
Mini Keyboard *(TI) 3-39*
Minspeak 1 *(CI,EA,EC,PW,TI,TW) 1-70*
MOD Keyboard System *(CI,TI,TW) 3-40*
Mouth Operated Controller for Quads *(SW,TI) 3-41*
Multi-Game Board *(GA,OA) 3-138*
Muppet Learning Keys *(ET,GA,ID) 3-63*
Natural Language Processing Program *(ET,LT) 3-249*
PC AID *(TI) 3-41*
PC Serial AID *(TI) 3-42*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
PIC Word Board *(CI,ET,NA) 1-50*
Pocket-Sized Communication Book *(CI,NA) 1-53*
Point to Pictures Development Kit *(AP,AR,AS,ES,ET) 3-255*
Point to Pictures Discrimination Kit *(AR,AS,ES,ET,TR) 3-255*
Point to Pictures Lesson Plan Masters *(ES,ET) 3-256*
Porta Book *(CI,NA) 1-54*
Portable Communication Boards *(CI,NA) 1-54*
Portable Voice II *(CI,EA,PW) 1-72*
PowerPad *(DR,ID,RE) 3-64*
PowerPad Programming Kit *(AP,ET) 3-256*
Preposition Recognition *(AR,CR,ES,ET,LT) 3-257*
Pressure Sensitive Expanded Keyboard *(TI) 3-43*
QuickWord *(DS,KM,TI,WP) 3-45*
Reading Recognition *(AR,AS,ET,LS) 3-262*
Remote Keyboard for the Apple II+ and IIe *(DR,TI) 3-46*
Representational Play *(ES,ET,LT) 3-263*
Say-It-All and Say-It-All Super Plus *(CI,EA,PW) 1-73*
Signal Buzzer *(AS,CM,TR) 2-82*
SimpleCom I: Yes/No Communication *(CI,ET,TR) 3-265*
SimpleCom II: Needs/Wants Communication *(CI,ET,TR) 3-266*
Soft Vert *(SV,TO) 3-96*
Software Simulations of Communication Prostheses *(AS,CI,ET) 3-182*
SonomaVoice *(CI,ET,TR) 1-27*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
SpeechAid *(CI,EA,PW,TI,TW) 1-76*
SpeechPad *(CI,EA) 1-77*
STIM-U-LITE *(AS,ES,ET,TR) 1-28*
Super Cranmer Graphics Package *(BR,ET,PA) 3-336*
Symbol Training Display *(AS,ET,TR) 1-29*
Symbol Writer *(AS,ES,ET,GA) 3-276*
TAG: Talking Animated Graphics *(ES,ET) 3-276*
Talking 100 *(CI,EA,PC,PW,WP) 1-78*
Talking BlissApple *(CI,ET,PA) 3-339*
Talking Paddles *(CI,ET,NA) 1-56*
Talking Pictures Communication Board *(CI,ET,NA) 1-57*
Talking Pictures, Kits I, II, and III *(CI,ET,NA) 1-57*
Talking Unicorn *(ET,SV) 3-280*
Talking Word Board *(CI,PA) 3-341*
Tape-A-Message *(AS,ET,PC,TR) 1-30*
Ten Key Board *(ID) 3-64*
TIGERbook *(ET,TR) 1-30*
Tongue Controller *(SW,TI) 3-49*
Touch & Speak *(CI,ET,PA,TR) 3-344*
Touch 'N Talk Communication Board *(CI,ET,NA) 1-58*
Touch 'N Talk Communication Notebook *(CI,NA) 1-58*
Touch 'N Talk Micros *(CI,ET,NA) 1-59*
Touch and Match *(ES,ET) 3-283*
Touch and See *(ES,ET) 3-283*
Touch Com *(AS,CI,ET,TR) 3-183*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
Touch Window *(DR,DS,ID,RE,WP) 3-65*
Tri-Responder *(AS,ET,TR) 1-34*
TV Converter *(EC) 2-68*
Ultra 4 Remote System *(EC) 2-68*
Unicorn Expanded Keyboard *(TI,TW) 3-50*
Unidialer *(EC,PC) 2-69*
Unipix *(CI,ET,NA) 1-60*
Vert Plus *(SV,TO) 3-100*
VIC-20 Scanner *(CI,PA,WP) 3-347*
Vocaid *(CI,EA) 1-82*
VOIS 130 *(CI,EA) 1-82*
VOIS 135 *(CI,EA) 1-83*
VOIS 140 *(CI,EA) 1-83*
VOIS 150 *(CI,EA) 1-84*
WOLF *(CI,EA,TR) 1-84*
Word Board *(CI,NA) 1-60*
Word Recognition *(AR,AS,ES,ET,LT) 3-294*

Input Type: Speech Recognition {ITS}

Access-Ability *(TI) 3-23*
ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
Butler-in-a-Box *(EC,PC,TI) 2-46*
CASPT *(ET,ST) 3-197*
Chatterbox Dictionary *(ES,ET,LT) 3-198*
Command Telephone System *(EC,PC) 2-47*
Coretechs VET3 *(TI) 3-26*
DART-5000 *(TI,WP) 3-26*
DP-200 Connected Speech Recognizer *(ID) 3-61*
Ears *(TI) 3-27*
IntroVoice I & II *(TI) 3-33*
IntroVoice III *(TI) 3-34*
IntroVoice V *(TI) 3-34*
Kurzweil Voicesystem *(TI) 3-38*
Micro Speech Lab *(AR,ET,ST) 3-245*
No-Touch *(EC,PC) 2-58*

Paddle Adapple *(IA) 3-73*
Point and Read *(ET,LS) 3-254*
Pronounce *(TI) 3-43*
R/S II Series Wireless Link *(IA,OA) 3-75*
SAR-10 Voice Plus *(TI) 3-46*
Speech Recognition Keyboard *(TI) 3-48*
SpeechMaster *(ET,ST) 3-271*
SR-100 Voice Input Terminal *(TI) 3-48*
Talking 100 *(CI,EA,PC,PW,WP) 1-78*
TI-Speech *(TI) 3-49*
Video Voice *(AR,ET,ST) 3-288*
Visi-Pitch Model 6095 *(AR,ET,ST) 3-288*
Visible Speech Aid *(ET,ST) 3-289*
VocaLink Cellular Module *(EC,PC) 2-70*
VocaLink CSRB-LC *(TI) 3-50*
VocaLink Series 4000 *(TI) 3-51*
VocaLink SYS300 *(TI) 3-51*
VocaLink VRT300 *(TI) 3-52*
Voice Card *(TI) 3-52*
Voice Command System *(TI) 3-53*
Voice Communications Option *(PC,SV,TI,TL) 3-53*
Voice Communications System *(PC,TI) 3-54*
Voice Driver *(TI) 3-54*
Voice English Language Development *(ET,LT) 3-291*
Voice Master *(ID,SS) 3-125*
Voice Math *(CN,ET) 3-291*
Voice Reading Ability Drill *(ET,LS) 3-292*
Voice Systems Package *(SV,TI) 3-55*
Voicescribe-1000 *(TI) 3-55*
Voicescribe-20000 *(TI) 3-56*
VOIS 150 *(CI,EA) 1-84*
VS1000 Voice Communications Device *(ID) 3-65*
VTR 6050 Series II *(TI) 3-56*

Input Type: Wireless {ITW}

Deuce *(EC,PC,TW) 2-48*
Environmental Control *(EC) 2-52*
Environmental Control System *(EC) 2-53*
EZRA *(CI,CM,EC,PC) 2-54*
Flexcom *(CI,EA,EC) 1-67*
Infrared Remote Control *(EC) 2-56*
MECCA *(EC,PC) 2-57*
On/Off Remote Switch *(EC) 2-59*
R/S II Series Wireless Link *(IA,OA) 3-75*
Radio Remote Control *(EC) 2-60*
Radio Unicontrol *(EC) 2-61*
Remote Control Sonic Switch *(EC) 2-62*
Smarthome I *(CM,EC,PC) 2-63*
Sound Activated Light Switch *(EC) 2-63*
Television Channel Selector *(EC) 2-66*
TOSC-2 Environmental Control System *(CM,EC,PC) 2-67*
TV Converter *(EC) 2-68*
Ultra 4 Remote System *(EC) 2-68*
Voice of Help *(CM) 2-83*
Whistleswitch Remote Control *(EC) 2-70*
Wireless Data Transmission System *(IA,OA) 3-77*

Output/Display: Braille Printer {ODB}

AudiBraille Computer *(BR,SV,TO) 3-81*
BETA-X3 Thiel Braille Printer *(BD,BR) 3-105*
BEX *(BR,LP,PA,SV,WP) 3-309*
Braille Translation Software *(BR,PA) 3-310*
Braille-Talk *(BR,PA,SV) 3-311*
BraT *(BD,BR,TE,TL,TO) 3-84*
CHPI Apple Tool Kit *(BR,KM,PA,TL,WP) 3-312*
Cranmer Modified Perkins Brailler *(BD,BR) 3-105*
Duxbury Braille Translator *(BR,PA) 3-316*
Electronic Typing Fingers *(BD,BR) 3-106*
Hot Dots *(BR,PA) 3-320*
Illustrations *(BR,DR,PA) 3-321*
Illustrations *(BR,PA) 3-321*
INDEX *(BD,BR) 3-106*
MBOSS-1 *(BD,BR) 3-107*
Micro Braille *(BR,PA,WP) 3-327*
Microbrailler 2400 *(BD,PW,TO,WP) 3-107*
MPRINT *(BD,BR) 3-108*
Ohtsuki Printer *(BD,BR) 3-108*
Personal Brailler *(BD,BR,TE,TL) 3-109*
Romeo Brailler *(BD,BR) 3-109*
Super Cranmer Graphics Package *(BR,ET,PA) 3-336*
Tally-Talk *(DS,PA) 3-342*
TED-600 Text Embossing Device *(BD,BR) 3-110*
TeleBraille *(CI,PC,TD,TL) 1-97*
TRI-170 Braille Terminal Embosser *(BD,BR,TE,TL) 3-110*
VersaBraille *(BD,BR,PA,WP) 3-111*
VersaPoint Braille Embosser *(BD,BR) 3-111*

Output/Display: Deaf Baudot (for TDD's) {ODD}

Amcom C *(CI,PC,TD,TL) 1-89*
BraT *(BD,BR,TE,TL,TO) 3-84*
COM 2000 *(CI,PC,TD,TL) 1-89*
Intele-Type *(CI,PC,TD,TL,WP) 1-90*
Lifestyle Personal Communicator *(CI,CN,PC,TD,TL) 1-91*
Minicom II *(CI,PW,TD,TL) 1-92*
Porta Printer Plus MP20 *(CI,TD,TL) 1-92*
Porta Printer Plus MP20D *(CI,PC,TD,TL) 1-93*
Porta Printer Plus MP40D *(CI,PC,TD,TL) 1-93*
Porta View Junior/Model 32 *(CI,TD,TL) 1-94*
SSI-100 Communicator *(CI,TD,TL) 1-95*
SSI-220 Communicator *(CI,TD,TL) 1-95*
SSI-240 Communicator *(CI,TD,TL) 1-96*
Superprint 100, 200, 400 *(CI,PC,TD,TL) 1-96*
Talk Tone *(CI,TD,TL) 1-97*
TeleBraille *(CI,PC,TD,TL) 1-97*
TRI-170 Braille Terminal Embosser *(BD,BR,TE,TL) 3-110*

Output/Display: Ideographic/Pictographic Symbols {ODI}

Blissymbolics: Bliss Library *(AP,PA) 3-309*
Blissymbolics: Blissboard *(CI,ET,PA) 3-310*
Talking BlissApple *(CI,ET,PA) 3-339*

Output/Display: Large Print {ODL}

Alphabet with Tom and Andy *(AR,ES,ET) 3-189*
Apple Demo Disk *(AS,ET) 3-190*
Beamscope II *(LP,TO) 3-82*
BEX *(BR,LP,PA,SV,WP) 3-309*
Brainz *(AP,ET) 3-196*
Calc-Talk *(CN,LP,PA,SV) 3-312*
Classy Letterheads - Speak! *(LP,PA,SV,WP) 3-313*
Compu-Lenz *(LP,TO) 3-84*
E-Z Pilot II Authoring System and Training Package *(AP,PA) 3-316*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Expand-a-View *(LP,TO) 3-86*
Finger Print *(OA) 3-133*
Getting Started in Arithmetic Series (and Sam's Store) *(CN,ET,LP,LS,SV) 3-223*
inLARGE *(LP,TO) 3-87*
Joywriter *(LP,PA) 3-322*
Kennedy Handi-Math Program *(CN,ET,LS) 3-229*
Keyboarder *(ET,KB,LP) 3-230*
Keyboarding for the Visually Limited *(ET,KB,LP,WP) 3-231*
Large Print Display Processor *(LP,TO) 3-88*
Large Print Word Processor *(LP,PA,WP) 3-323*
Large Type *(LP,PA,WP) 3-323*

LimeLight *(LP,TO) 3-89*
LoVE *(LP,PA,SV,WP) 3-325*
Lyon Large Print Program *(LP,TO) 3-89*
Magic Keyboard *(LP,TO) 3-90*
Magic Slate *(ET,LP,LS,PA,WP) 3-239*
Magnicomp *(LP,PA) 3-326*
MagniLink *(LP,TO) 3-90*
Morse Code & Scanning Practice Programs *(ET,GA,RE) 3-247*
MultiScribe *(LP,PA,WP) 3-329*
Optacon *(BD,LP,TO) 3-91*
PC Lens *(LP,TO) 3-91*
Peachy Writer Bold *(LP,PA) 3-330*
Sentence-Scan *(CI,ET,PA) 3-334*
Spell-A-Vision *(ET,LS) 3-271*
Talking Text Writer *(ET,LS,SV,WP) 3-279*
Talking Writer *(ET,KB,LP,PA,SV,WP) 3-341*
Tall Talk Prints *(LP,SV,TO) 3-97*
Tall Talk Screens *(LP,SV,TO) 3-98*
Textalk *(LP,PA,SV,WP) 3-343*
Triple Dump *(OA) 3-142*
Viewscan Text System *(CN,LP,PA,PW,TE,TO,WP) 3-100*
Vista *(LP,TO) 3-101*
Write *(CI,ET,LS,SV) 3-295*

Output/Display: Modem (ASCII) {ODM}

BraT *(BD,BR,TE,TL,TO) 3-84*
Echo 2000 *(CI,PC,TD,TL) 1-90*
Handy Terminal *(EA,PW,TI,TW) 1-67*
Intele-Type *(CI,PC,TD,TL,WP) 1-90*
Keynote *(PA,PW,SV,TL,TO,WP) 3-88*
Lifestyle Personal Communicator *(CI,CN,PC,TD,TL) 1-91*
Porta Printer Plus MP20 *(CI,TD,TL) 1-92*
Porta Printer Plus MP20D *(CI,PC,TD,TL) 1-93*
Superprint 100, 200, 400 *(CI,PC,TD,TL) 1-96*
TeleBraille *(CI,PC,TD,TL) 1-97*
TRI-170 Braille Terminal Embosser *(BD,BR,TE,TL) 3-110*

Output/Display: Speech Output {ODS}

ACES *(AS,ET) 3-171*
ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
AllTalk *(CI,EA,ET,TR) 1-63*
Apple Demo Disk *(AS,ET) 3-190*
Arithmetic 1,2, and 3 with Speech *(AR,CN,ET,LS,SV) 3-191*
Artic Vision *(SV,TO) 3-81*
Audible Career Explorer *(AR,AS,VO) 3-172*
AudiBraille Computer *(BR,SV,TO) 3-81*
Audio Braille Game Tutorial *(BR,ET,GA,RE) 3-191*
Audio Scan *(CI,PA) 3-308*
Automatic Form Writer *(PA,SV,VO) 3-308*
Basic Interpreter for the Blind *(SV,TO) 3-82*
Basic Language Series-Spatial Concepts *(ES,ET,LT) 3-192*
Bear Jam *(ES,ET) 3-193*
BEX *(BR,LP,PA,SV,WP) 3-309*
Braille Trainer *(BR,ET,SV) 3-195*
Braille-Talk *(BR,PA,SV) 3-311*
Butler-in-a-Box *(EC,PC,TI) 2-46*
Calc-Talk *(CN,LP,PA,SV) 3-312*
CallText 5000 *(PC,SS) 3-115*
CallText 5050 *(PC,SS) 3-115*
Chatterbox Dictionary *(ES,ET,LT) 3-198*
Choice Maker I *(AR,ES,ET) 3-198*
Classy Letterheads - Speak! *(LP,PA,SV,WP) 3-313*
Coinsnkeys *(CN,ES,ET,KB) 3-202*
Color Find *(ES,ET) 3-202*
Computer Progs. for Neuropsychological Testing & Rehab.
    (AR,CR,ET,LS) 3-206
Computerized Enabling System *(CI,EC,PA,PC,WP) 3-315*
Computerized Training Systems (CTS): Nuts & Bolts
    (ET,VO) 3-207
Control Without Keyboards *(AS,CI,ET,PA) 3-315*
Core Reading and Vocabulary Development *(ET,LS) 3-208*
CREATE *(AR,AS,CR,ES,ET,LS) 3-209*
Cricket *(SS) 3-116*
CTS: Electronic Assembly & Soldering *(ET,VO) 3-210*
DECtalk *(SS) 3-116*
E-Z Pilot II Authoring System and Training Package
    (AP,PA) 3-316
Early Learning I *(ES,ET) 3-211*
Early Learning II *(CN,ES,ET) 3-212*
Echo + *(SS,SV) 3-117*
Echo GP *(SS) 3-117*
Echo PC2 *(SS) 3-118*
Echo/Cricket Training Disk *(OA,SV) 3-132*
EDACTS Keyboard *(CI,EC,TI,WP) 3-27*
Edmark Reading Program, Level 1 *(ES,ET,LS) 3-212*
Electronic 31 Day Calendar *(PA,SV) 3-317*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Elephant Ears *(ES,ET,LT) 3-213*
Enable Reader *(SV,TO) 3-85*
Enhanced PC Talking Program *(SV,TO) 3-85*
Equalizer *(CI,DR,EA,PW,RE,TI,TW,WP) 1-64*
Expanded Keyboards for Speak N' Spell *(EA,ET,TR) 1-65*
Exploratory Play *(ES,ET,LT) 3-214*
EyeTyper *(CI,EA,EC,TI) 1-66*
EyeTyper Model 200 *(CI,EA,EC,PC,PW,TI) 1-66*
EZ Pilot for PowerPad *(AP,ET) 3-214*
Fast Access Scan Talker *(CI,PA) 3-318*
File-Talk *(DS,PA,SV) 3-318*
Fingerspeller *(AR,AS,ET,SI) 3-217*
First Categories *(ES,ET,LS,LT) 3-218*
First Shapes *(ES,ET) 3-218*
First Verbs *(ES,ET,LT) 3-219*
First Words *(ES,ET,LT) 3-219*
First Words II *(ES,ET,LT) 3-220*
Following Directions *(AR,ES,ET) 3-221*
Freedom 1 *(SV,TO) 3-86*
Fun With Math *(CN,ET,SV) 3-222*
Function Recognition *(AR,CR,ES,ET) 3-223*
Getting Started in Arithmetic Series (and Sam's Store)
    (CN,ET,LP,LS,SV) 3-223
Hot Dots *(BR,PA) 3-320*
I Can Talk *(CI,ES,ET,LT,TR) 3-226*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
IDEA Cat *(ES,ET,LS,LT) 3-227*
Idioms in America *(AS,ET,LS,LT) 3-227*
Intex-Talker *(SS,SV) 3-118*
K Talker *(SV,TO) 3-87*
Keynote *(PA,PW,SV,TL,TO,WP) 3-88*
Keys to Success: Comp. Keybd. Skills for Blind Children
    (ET,KB,SV) 3-232
Keytalk *(ET,KB,LS,SV,WP) 3-233*
Kid Talk *(ES,ET,PA,SV,WP) 3-322*
Kindermath II *(CN,ES,ET) 3-233*
Language L.A.B. *(AP,AR,ES,ET,LT) 3-234*
Learning Left and Right *(ES,ET) 3-235*
Lenical *(AP,AS,ET) 3-236*
Letter Find *(CN,ES,ET,KB,SV) 3-236*
Lifestyle Personal Communicator *(CI,CN,PC,TD,TL) 1-91*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Lightwriter *(CI,EA,KG,PW) 1-69*
Lip-Reader Trainer *(AS,ET,LR) 3-237*
Listen to Learn *(ET,LS,WP) 3-238*
Lister Talker *(DS,PA,SV) 3-324*
Living Center III *(CI,CN,EA,EC,RE,WP) 1-69*
Logo TouchTools for the PowerPad *(AS,ES,ET) 3-239*
LoVE *(LP,PA,SV,WP) 3-325*
Magic Cymbals *(CI,PA) 3-326*
Magic Music Teacher *(ET,GA,RE) 3-301*
Master Talker *(AP,OA,SV) 3-137*
Mathtalk *(AR,CN,ET) 3-242*
Maze *(ET,GA,RE) 3-243*
Memory Patterns *(AR,AS,ES,ET,LT) 3-244*
Message Maker *(CI,PA) 3-327*
Micro-LADS *(AS,ET,LT) 3-179*
Mini Talking Card Reader *(CI,EA,ET) 1-70*
Minspeak 1 *(CI,EA,EC,PW,TI,TW) 1-70*

Mix 'N Match *(AR,ES,ET) 3-247*
Mockingboard *(SS) 3-119*
MOD Keyboard System *(CI,TI,TW) 3-40*
Mouse Math *(CN,ET) 3-248*
Multi-Scan *(AS,CI,ET,PA,TR) 3-329*
Ollie Series *(ES,ET) 3-249*
PACA (Portable Anticipatory Communication Aid)
    (CI,CN,EA,PW,WP) 1-71
Paint With Words *(ES,ET) 3-250*
PC Speak *(SV,TO) 3-92*
PC Vert *(SV,TO) 3-92*
PC Voice *(SV,TO) 3-93*
Personal Money Management *(PA,SV) 3-330*
Personal Speech System *(SS) 3-119*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Picture Scanner - Software for Assessment *(AS,ET) 3-180*
PII - Personalized Information for Independence
    (AD,AR,CR,ET,LS) 3-254
Point to Pictures Development Kit *(AP,AR,AS,ES,ET) 3-255*
Point to Pictures Discrimination Kit *(AR,AS,ES,ET,TR) 3-255*
Point to Pictures Lesson Plan Masters *(ES,ET) 3-256*
Portable Voice II *(CI,EA,PW) 1-72*
Preposition Recognition *(AR,CR,ES,ET,LT) 3-257*
Prompt-Writer *(KM,PA,SV,WP) 3-331*
ProTERM *(SV,TE,TO) 3-94*
PROVOX *(SV,TO) 3-95*
ProWORDS *(PA,SV,WP) 3-332*
Quick Talk *(CI,PA,PC) 3-332*
Rapsheet *(DS,PA,SV) 3-333*
Reading Recognition *(AR,AS,ET,LS) 3-262*
Representational Play *(ES,ET,LT) 3-263*
RIC Easy Talker *(CI,PA) 3-333*
SAR-10 Voice Plus *(TI) 3-46*
Say It *(CI,PA) 3-334*
Say-It-All and Say-It-All Super Plus *(CI,EA,PW) 1-73*
SAYIT *(AP,OA) 3-140*
Scan & Speak *(CI,ET,TR) 3-264*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
SCANWOLF *(CI,EA,TR) 1-74*
SCAT (Screen Articulator) *(SV,TO) 3-95*
Screen-Talk Pro *(SV,TO) 3-96*
Sentence-Scan *(CI,ET,PA) 3-334*
Sight Word Spelling *(ET,LS,SV) 3-265*
SimpleCom I: Yes/No Communication *(CI,ET,TR) 3-265*
SimpleCom II: Needs/Wants Communication *(CI,ET,TR) 3-266*
Slotbuster *(SS) 3-120*
Small Talk *(CI,CN,EA,PW,SV,TI,TW,WP) 1-75*
SmoothTalker *(SS,SV) 3-120*
Soft Vert *(SV,TO) 3-96*
Software Automatic Mouth (SAM) *(SS) 3-121*
Software for Visually Impaired Children
    (AP,ET,KB,LS,SV) 3-267
Software Simulations of Communication Prostheses
    (AS,CI,ET) 3-182
SonomaVoice *(CI,ET,TR) 1-27*
Sound Ideas *(ET,LS) 3-268*
Sound Match *(AS,ES,ET) 3-268*
Speak Up *(CI,PA) 3-335*
Speak-A-Label *(DS,PA,SV) 3-335*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
Speech Writer *(PA,SV,WP) 3-336*
SpeechAid *(CI,EA,PW,TI,TW) 1-76*
SpeechPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-76*
SpeechPad *(CI,EA) 1-77*
Speller Bee *(ET,LS) 3-272*
Spelling Tutor *(ET,LS) 3-272*
Spellist *(ET,LS) 3-273*
Study Buddy *(ET) 3-273*
Super Voice *(SS) 3-121*
Supertalker *(SS) 3-122*
Survival Words *(AD,AS,ET,LS,LT) 3-275*
Symbol Writer *(AS,ES,ET,GA) 3-276*
SynPhonix 100 *(SS,SV) 3-122*
SynPhonix 200 *(SS) 3-123*
Synphonix jr *(SS) 3-123*
TAG: Talking Animated Graphics *(ES,ET) 3-276*
Talk II *(CI,PA) 3-337*
Talker *(PA,SV,WP) 3-338*
Talking 100 *(CI,EA,PC,PW,WP) 1-78*
Talking 100 Communicator *(CI,EA) 1-78*
Talking Aid *(CI,PA) 3-338*
Talking Apple Literacy Kit *(ET,GA,KB,WP) 3-277*
Talking BlissApple *(CI,ET,PA) 3-339*
Talking Riddles *(ET,LS) 3-278*
Talking Scanner *(ET,SV) 3-279*
Talking Sensible Speller *(PA,SV) 3-339*
Talking TermExec *(SV,TO) 3-97*
Talking Text Writer *(ET,LS,SV,WP) 3-279*
Talking Transcend II *(PA,TL) 3-340*
Talking Unicorn *(ET,SV) 3-280*
Talking Wheelchair *(CI,GA,PA,RE,WP) 3-340*
Talking Word Board *(CI,PA) 3-341*
Talking Writer *(ET,KB,LP,PA,SV,WP) 3-341*
Tall Talk Prints *(LP,SV,TO) 3-97*
Tall Talk Screens *(LP,SV,TO) 3-98*
Tally-Talk *(DS,PA) 3-342*
Tape-A-Message *(AS,ET,PC,TR) 1-30*
Target *(AS,CI,ET,TR) 3-280*
Tele-Talk *(PA,SV) 3-342*
Textalk *(LP,PA,SV,WP) 3-343*
Textalker.Blind and Other Echo Utilities *(ET,SV,TO) 3-98*
The Adventures of Jimmy Jumper - Prepositions
    (AS,ES,ET,LT) 3-282
TIGERbook *(ET,TR) 1-30*
TIM *(CI,EA,PW,WP) 1-79*
Timothy Communications Package *(CI,EA,PW) 1-79*
Touch & Speak *(CI,ET,PA,TR) 3-344*
Touch Com *(AS,CI,ET,TR) 3-183*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
TRAX PAX Talking Checkbook *(PA,SV) 3-344*
TRAX PAX Talking File Box *(PA,SV) 3-345*
Trine System (ACS) *(CI,EA,PW,TI,TW,WP) 1-80*
Trine System (Words+) *(CI,EA,PW,TI,TW,WP) 1-81*
Twenty Categories *(AR,ET,LS) 3-285*
Type & Speak *(CI,PA,SV) 3-345*
Type N' Parrot *(ET,KB,SV) 3-286*
Type-'N-Talk *(SS) 3-124*
Type-Talk *(AP,ET,KB) 3-286*
Ufonic Voice System *(ET,SS) 3-124*
Ultimate Banker *(CN,PA,SV) 3-346*
Ultimate File Cabinet *(DS,PA) 3-346*
V.P. *(SV,TO) 3-99*
VERBal STAR *(PA,SV,WP) 3-347*
Vert Plus *(SV,TO) 3-100*
Visual Recognition *(AR,AS,ES,ET,LT) 3-289*
Vocaid *(CI,EA) 1-82*
Voice Card *(TI) 3-52*
Voice Communications Option *(PC,SV,TI,TL) 3-53*
Voice English Language Development *(ET,LT) 3-291*
Voice Master *(ID,SS) 3-125*
Voice Mate II *(AS,ET,TR) 1-36*
Voice Math *(CN,ET) 3-291*
Voice Reading Ability Drill *(ET,LS) 3-292*
Voice Systems Package *(SV,TI) 3-55*
VOIS 130 *(CI,EA) 1-82*
VOIS 135 *(CI,EA) 1-83*
VOIS 140 *(CI,EA) 1-83*
VOIS 150 *(CI,EA) 1-84*
Votalker AP *(SS) 3-125*
Votalker C-64 *(SS) 3-126*
Votalker IB *(SS) 3-126*
VTR 6050 Series II *(TI) 3-56*
Western Center Echo + Synthesizer Package *(OA,SV) 3-143*
WOLF *(CI,EA,TR) 1-84*
Word Recognition *(AR,AS,ES,ET,LT) 3-294*
Word-Talk *(PA,SV,WP) 3-348*
Words-to-Voice *(SV,TO,WP) 3-101*
Write *(CI,ET,LS,SV) 3-295*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*

Output/Display: Tactile/Braille Display (Dynamic) {ODT}

AudiBraille Computer *(BR,SV,TO) 3-81*
Brailink III *(BD,BR,TI,TO) 3-83*
Braille Display Processor *(BR,TO) 3-83*
Optacon *(BD,LP,TO) 3-91*
PC-Braille *(BR,TO) 3-93*
Silent Page System *(CM) 2-82*
VersaBraille *(BD,BR,PA,WP) 3-111*

Switch Inputs: Uses Analog Control {SIA}

Mind Master *(GA,RE,TI) 3-39*

Switch Inputs: Uses Dual Switch {SI2}

Ability Switch Tester *(AS,ET,TR) 1-15*
Academics with Scanning: Language Arts *(ET,LS) 3-188*
Academics with Scanning: Math *(CN,ET) 3-188*
ACES *(AS,ET) 3-171*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
Apple Computer Input Adapter *(IA,SW) 3-69*
Apple Demo Disk *(AS,ET) 3-190*
Call Signal 2 *(AS,CM,TR) 2-76*
Catch the Cow *(AS,ET) 3-173*
Com Board *(AS,CI,ET,TR) 1-19*
Compartmentalized Communicator *(AS,CI,ET,TR) 1-20*
Computer Entry Terminal *(TI) 3-25*
Control 1 *(EC,PC) 2-47*
Deuce *(EC,PC,TW) 2-48*
Dual Channel Latching Switch Interface *(AS,EC,ET,TR) 1-22*
Dual Switch Latch and Timer *(AS,EC,ET,TR) 1-22*
Dual Tape Control *(EC) 2-49*
Electric Copyholders *(BP,EC) 2-52*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Evaluation System *(AS,ET) 3-176*
First Verbs *(ES,ET,LT) 3-219*
First Words *(ES,ET,LT) 3-219*
First Words II *(ES,ET,LT) 3-220*
Handi-Routine *(AP,OA) 3-135*
Interface Box for Apple IIe *(IA,SW) 3-71*
Keyboard Covers *(KM) 3-7*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Math Disk *(CN,ET) 3-240*
MECCA *(EC,PC) 2-57*
MicroDEC II *(CM,EC,PC) 2-57*
Morse Code & Scanning Practice Programs *(ET,GA,RE) 3-247*
Morse-Code Based Keyboard Emulator *(TI) 3-40*
Motor Training Games *(AS,ET,GA,RE) 3-301*
Omnibox *(ET,ID,TR) 3-63*
PACA (Portable Anticipatory Communication Aid) *(CI,CN,EA,PW,WP) 1-71*
PC AID *(TI) 3-41*
PC Serial AID *(TI) 3-42*
Phonics, Text, and Graphics *(DR,ET,RE,WP) 3-252*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
Picture Communication *(CI,ET,PA) 3-331*
Poc-Ett System *(AS,CI,ET,TR) 1-25*
Portable Voice II *(CI,EA,PW) 1-72*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
Sentence-Scan *(CI,ET,PA) 3-334*
Special Inputs Disk *(AS,ET,KM,TI) 3-47*
Speller Teller *(AS,CI,ET,TR) 1-27*
Switch Adapter for Apple IIe and II+ Computers *(IA,SW) 3-75*
Switch Interface *(IA,SI) 3-76*
Switch Latch *(AS,EC,ET,TR) 1-29*
Switchboard *(CI,EA,ET) 1-77*
Talking Aid *(CI,PA) 3-338*
Television Channel Selector *(EC) 2-66*
Timer and Counter *(AS,EC,ET,TR) 1-31*
TOSC-2 Environmental Control System *(CM,EC,PC) 2-67*
Touch Turner *(BP,EC) 2-67*
Toy Assessor *(AR,AS,ES,ET) 3-284*
Training Aid 2 *(AS,EC,ET,TR) 1-33*
Ultra 4 Remote System *(EC) 2-68*
Versascan *(AS,CI,ET,TR) 1-35*
Voice Mate II *(AS,ET,TR) 1-36*
Word Communication *(CI,PA) 3-348*
Zygo Model 16C *(AS,CI,ET,TR) 1-36*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*

Switch Inputs: Uses Joystick (4 or 5 Switches) {SIJ}

ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
Computer Progs. for Neuropsychological Testing & Rehab. *(AR,CR,ET,LS) 3-206*
Edmark Reading Program, Level 1 *(ES,ET,LS) 3-212*
EZBAS *(CI,OA) 3-132*
Foundations I *(AR,CR,ES,ET) 3-221*
Function Recognition *(AR,CR,ES,ET) 3-223*
Game Paddle for Apple II Computers *(SW,TI,TW) 3-32*
Lite Touch *(DR,GA,RE,TI) 3-38*
Memory I *(CR,ES,ET,LS) 3-243*
Memory II *(CR,ES,ET,LS) 3-244*
Memory Patterns *(AR,AS,ES,ET,LT) 3-244*
MOD Keyboard System *(CI,TI,TW) 3-40*
Picture Perfect *(DR,RE) 3-302*
Preposition Recognition *(AR,CR,ES,ET,LT) 3-257*
Race the Clock *(ET,GA,RE) 3-260*
Reading Recognition *(AR,AS,ET,LS) 3-262*
SAID: Say as I Do *(ES,ET) 3-263*
Special Skill Builders I & II *(CN,ES,ET) 3-270*
Surrounding Patterns (and other programs) *(CR,ES,ET,LS) 3-274*
Survival Words *(AD,AS,ET,LS,LT) 3-275*
Visual Recognition *(AR,AS,ES,ET,LT) 3-289*
Visuospatial Skills *(AR,CR,ET) 3-290*
VOIS 150 *(CI,EA) 1-84*
Word Recognition *(AR,AS,ES,ET,LT) 3-294*
X-10 Powerhouse Computer Interface *(EC,PA) 3-349*

Switch Inputs: Uses Keyboard (16 Switches and up) {SIK}

Coretechs VET3 *(TI) 3-26*
Expanded Computer Keyboards *(KG,TI) 3-29*
Expanded Keyboards for the Adaptive Firmware Cards *(TI) 3-30*
Keasyboard *(KG,TI) 3-35*
Keyport 300 *(TI) 3-36*
Keyport 60 *(TI) 3-36*
King Keyboard *(TI) 3-37*
Mini Keyboard *(TI) 3-39*
Pressure Sensitive Expanded Keyboard *(TI) 3-43*
Remote Keyboard for the Apple II+ and IIe *(DR,TI) 3-46*
SAR-10 Voice Plus *(TI) 3-46*
Screenkeys *(TI) 3-47*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
Speech Recognition Keyboard *(TI) 3-48*
SpeechPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-76*
SR-100 Voice Input Terminal *(TI) 3-48*
TI-Speech *(TI) 3-49*
Trine System (ACS) *(CI,EA,PW,TI,TW,WP) 1-80*
Unicorn Expanded Keyboard *(TI,TW) 3-50*
Vocaid *(CI,EA) 1-82*
VocaLink CSRB-LC *(TI) 3-50*
Zygo Notebook *(CI,EA,PW,WP) 1-85*

Switch Inputs: Uses Multiple Switches (3 to 15 Switches) {SIM}

Compartmentalized Communicator *(AS,CI,ET,TR) 1-20*
Compudapter *(TI) 3-25*
Easy Programmer *(PA) 3-317*
EZBAS *(CI,OA) 3-132*
FingerTip Controller *(SW,TI) 3-31*
Footmouse *(MT,TI) 3-32*
Gewa Page Turner *(BP,EC) 2-55*
Keyboard Covers *(KM) 3-7*
Lite Touch *(DR,GA,RE,TI) 3-38*
Multi-Input Selector *(AS,EC,ET,TR) 1-24*
Multiple Switch Box for the Adaptive Firmware Card *(IA) 3-73*
Tape Recorder with Switch Adapter *(EC) 2-64*
Timothy Communications Package *(CI,EA,PW) 1-79*
Tongue Controller *(SW,TI) 3-49*
Ultra 4 Remote System *(EC) 2-68*
Zygo Model 100 *(CI,EA,ET,PW,TI,TW) 1-85*
Zygo TETRAscan II *(TI) 3-57*

Switch Inputs: Uses Single Switch {SI1}

Ability Switch Tester *(AS,ET,TR) 1-15*
AbleNet Control Unit *(AS,EC,ET,TR) 1-15*
Academics with Scanning: Language Arts *(ET,LS) 3-188*
Academics with Scanning: Math *(CN,ET) 3-188*
Access-Ability *(TI) 3-23*
ACES *(AS,ET) 3-171*
ACS Medicom Computer System *(CI,EC,PC,TI,TL) 3-23*
Adaptive Firmware Card *(IA,KE,KM,SW,TI) 3-24*
ALTKEY *(TI) 3-24*
Aphasia Series: I through VIII *(CR,ET,LS) 3-190*
Apple Computer Input Adapter *(IA,SW) 3-69*
Apple Demo Disk *(AS,ET) 3-190*
Apple IIe Input Adapter *(IA,SW) 3-70*
Apple Switch Interface *(IA,SW) 3-70*
Appliance Genie *(AS,EC,ET,PA) 3-307*
Audio Scan *(CI,PA) 3-308*
Automatic Message Dialer *(CM,EC,PC) 2-45*
Automatic Page Turner *(BP,EC) 2-46*
Battery Adapter *(AS,ET,SW,TR) 1-17*
Battery Device Adapter *(AS,ET,TR) 1-17*
Battery Interface *(AS,ET,TR) 1-18*
Blisspen *(ET,LS) 3-193*
Blissymbolics: Bliss Drills *(ES,ET) 3-194*
Blissymbolics: Blissboard *(CI,ET,PA) 3-310*
Blissymbolics: Blissymbol Concepts *(ES,ET) 3-194*
ButtonCount Switch Assessment *(AS) 3-172*
Call Signal 2 *(AS,CM,TR) 2-76*
CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
Catagorical Reasoning I and II *(CR,ET) 3-197*
Catch the Cow *(AS,ET) 3-173*
Choice Maker I *(AR,ES,ET) 3-198*
Clock Communicator *(AS,CI,ET,TR) 1-18*
Com Board *(AS,CI,ET,TR) 1-19*
Communicator *(PA,WP) 3-314*
Communiclock *(AS,CI,ET,TR) 1-19*
Computer Entry Terminal *(TI) 3-25*
Counter Module *(AS,ET,TR) 1-20*
Counting Critters *(CN,ES,ET) 3-209*
Delay Timer *(AS,EC,ET,TR) 1-21*
Dial Scan *(AS,CI,ET,TR) 1-21*
Dual Switch Latch and Timer *(AS,EC,ET,TR) 1-22*
Dual Tape Control *(EC) 2-49*
E-Tran Scanner *(AS,CI,ET,TR) 1-23*
Early Learning I *(ES,ET) 3-211*
Early Learning II *(CN,ES,ET) 3-212*
Easicorder *(EC) 2-51*
Elementary MOD Keyboard System *(CI,ET,LP,TI) 3-28*
Environmental Control *(EC) 2-52*
Evaluation System *(AS,ET) 3-176*
EZRA *(CI,CM,EC,PC) 2-54*
Fast Access Scan Talker *(CI,PA) 3-318*
First Categories *(ES,ET,LS,LT) 3-218*
First Verbs *(ES,ET,LT) 3-219*
First Words *(ES,ET,LT) 3-219*
First Words II *(ES,ET,LT) 3-220*
Flexcom *(CI,EA,EC) 1-67*
Florida Scanner *(AP,OA) 3-134*
Game Paddle for Apple II Computers *(SW,TI,TW) 3-32*
Gewa Page Turner *(BP,EC) 2-55*
Handi-Routine *(AP,OA) 3-135*
HeadMaster *(MT,TI) 3-33*
I Can Talk *(CI,ES,ET,LT,TR) 3-226*
ICOMM *(CI,EA,PW,TI,TW) 1-68*
Language L.A.B. *(AP,AR,ES,ET,LT) 3-234*
Light Talker *(CI,EA,EC,PW,TI,TW) 1-68*
Lighted Vibrating Signalling Buzzer *(AS,ET,TR) 1-23*
Living Center III *(CI,CN,EA,EC,RE,WP) 1-69*
Mac-Apple Communication Aid *(CI,CN,DR,ES,ET,PA,WP) 3-325*
Magic Cymbals *(CI,PA) 3-326*
Math Disk *(CN,ET) 3-240*
Math Scan *(CN,ET) 3-241*
Message Maker *(CI,PA) 3-327*
Micro-LADS *(AS,ET,LT) 3-179*
MicroDEC II *(CM,EC,PC) 2-57*
Mix 'N Match *(AR,ES,ET) 3-247*
MOD Keyboard System *(CI,TI,TW) 3-40*
Morse Code & Scanning Practice Programs *(ET,GA,RE) 3-247*
Morser *(PA,WP) 3-328*
Motor Training Games *(AS,ET,GA,RE) 3-301*
Motorized Easel *(BP,EC) 2-58*
Mouth Operated Controller for Quads *(SW,TI) 3-41*
Multi-Game Board *(GA,OA) 3-138*
Multi-Scan *(AS,CI,ET,PA,TR) 3-329*
Omnibox *(ET,ID,TR) 3-63*
On/Off Remote Switch *(EC) 2-59*
PACA (Portable Anticipatory Communication Aid) *(CI,CN,EA,PW,WP) 1-71*
PC AID *(TI) 3-41*
PC Serial AID *(TI) 3-42*
Phonics, Text, and Graphics *(DR,ET,RE,WP) 3-252*
PhotoPAC/EvalPAC *(AS,CI,EA,EC,ET,PW,TI,TW) 1-71*
PIC Man *(DR,ET,RE) 3-302*
Picture Communication *(CI,ET,PA) 3-331*
Pictures Programs: I, II and III *(CR,ES,ET,LS) 3-253*
Poc-Ett System *(AS,CI,ET,TR) 1-25*
Portable Voice II *(CI,EA,PW) 1-72*
Prism Communication Tray *(CI,ET,NA) 1-55*
Push-On-Push-Off Module *(AS,EC,ET,TR) 1-25*
Rabbit Scanner *(AS,ES,ET) 3-260*
Remote Control Sonic Switch *(EC) 2-62*
RIC Easy Talker *(CI,PA) 3-333*
Saltus Reader *(BP,EC) 2-62*
Say It *(CI,PA) 3-334*
Scan & Speak *(CI,ET,TR) 3-264*
ScanPAC/Epson *(CI,EA,EC,PW,TI,TW) 1-74*
SCANWOLF *(CI,EA,TR) 1-74*
Sentence-Scan *(CI,ET,PA) 3-334*
Sequential Scanner *(AS,CI,ET,TR) 1-26*
Single Switch Assessment Program *(AS,ET,TR) 3-181*
Single Switch Game Library *(ET,GA,RE) 3-303*
Single-Input Assessment Software *(AR,AS,ET,TR) 3-182*
Small Clock Communicator *(AS,CI,ET,TR) 1-26*
Sound Match *(AS,ES,ET) 3-268*
Special Friend Speech Prosthesis *(CI,EA) 1-75*
Special Inputs Disk *(AS,ET,KM,TI) 3-47*
Special Needs Volume 1 - Spelling *(ET,LS) 3-269*
Special Needs Volume 2 - Simulations & Drills *(CN,ET,LS) 3-270*
Sunny Days *(ET,LS) 3-274*
Switch Adapter for Apple IIe and II+ Computers *(IA,SW) 3-75*
Switch Interface *(IA,SI) 3-76*
Switch Latch *(AS,EC,ET,TR) 1-29*
Switchboard *(CI,EA,ET) 1-77*
Switchmaster *(AR,AS,ES,ET) 3-275*
Symbol Writer *(AS,ES,ET,GA) 3-276*

Talk II *(CI,PA) 3-337*
Talking 100 Communicator *(CI,EA) 1-78*
Talking BlissApple *(CI,ET,PA) 3-339*
Target *(AS,CI,ET,TR) 3-280*
Television Channel Selector *(EC) 2-66*
The Adventures of Jimmy Jumper - Prepositions *(AS,ES,ET,LT) 3-282*
Timer and Counter *(AS,EC,ET,TR) 1-31*
Timer Module *(AS,EC,ET,TR) 1-31*
Touch Turner *(BP,EC) 2-67*
Toy Adapter Cable *(AS,ET,SW,TR) 1-32*
Toy Cable *(AS,ET,SW,TR) 1-32*
Toy Scanner *(AR,AS,ET) 3-284*
ToyPAC *(AS,EC,ET,RE,TR) 1-33*
Training Aid 2 *(AS,EC,ET,TR) 1-33*
Variable Position Scanner *(AS,CI,ET,TR) 1-34*
Versascan *(AS,CI,ET,TR) 1-35*
Vibrating Sack *(AS,ET,TR) 1-35*
VOIS 150 *(CI,EA) 1-84*
Ways to Play *(ET,GA,RE) 3-293*
Word Communication *(CI,PA) 3-348*
Zygo Model 100 *(CI,EA,ET,PW,TI,TW) 1-85*
Zygo Model 16C *(AS,CI,ET,TR) 1-36*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*
Zygo TETRAscan II *(TI) 3-57*

Terminal Emulating Outputs {ODX}

ProTERM *(SV,TE,TO) 3-94*

Index 3

Switches Listed by Input/Output Feature

This index includes all switches listed by the type of input and by the number of switches. Within each list the switches are listed alphabetically.

The following is the order of the Input/Output Features by which products in this index are listed:

Input Type: Air (Sip/Puff) {ITA}
Input Type: Contact (Zero Pressure) {ITC}
Input Type: Eye Movement and Eye Gaze {ITE}
Input Type: Joystick/Wobblestick {ITJ}
Input Type: Light Sensitive (Optical) {ITL}
Input Type: Movement Activated {ITM}
Input Type: Noise (Sound or Vocalization) {ITN}
Input Type: Pressure Sensitive {ITP}

Switch Outputs: Dual Switch {SO2}
Switch Outputs: Joystick (4 or 5 Switches) {SOJ}
Switch Outputs: Multiple switches (3 to 15 Switches) {SOM}
Switch Outputs: Single Switch {SO1}

The following is a list of the Input/Output Feature codes which may appear in parentheses after items in this index:

ITA	Input Type: Air (Sip/Puff)
ITC	Input Type: Contact (Zero Pressure)
ITE	Input Type: Eye Movement or Eye Gaze
ITJ	Input Type: Joystick/Wobblestick
ITL	Input Type: Light Sensitive (Optical)
ITM	Input Type: Movement Activated
ITN	Input Type: Noise (Sound or Vocalization)
ITP	Input Type: Pressure Sensitive
SO1	Switch Outputs: Single Switch
SO2	Switch Outputs: Dual Switch
SOJ	Switch Outputs: Joystick (4 or 5 Switches)
SOM	Switch Outputs: Multiple switches (3 to 15 Switches)

Input Type: Air (Sip/Puff) {ITA}

4-Pneumatic Switch *(SOM)* 2-3
Air Switch *(SO1)* 2-6
Dual Pneumatic Switch *(SO2)* 2-13
Mini Joystick with Pneumatic Switch *(ITJ,SOJ)* 2-24
Pneumatic Switch *(SO2)* 2-30
Pneumatic Switch *(SO2)* 2-31
Pneumatic Switch *(SO2)* 2-31
Puff Switch *(SO1)* 2-32
Sip & Puff Switch *(SO1)* 2-35

Input Type: Contact (Zero Pressure) {ITC}

Asaflex Model TS *(ITM,ITN,ITP,SO1)* 2-7
Capacitive Touchplate Interface *(SOM)* 2-10
Cylindrical Touch Switch *(SO2)* 2-12
Dual Touch Pad Switch *(SO2)* 2-15
Magnetic Finger Switch *(ITM,SO1)* 2-22
P-Switch *(ITM,ITP,SO1)* 2-26

Input Type: Eye Movement and Eye Gaze {ITE}

Infrared Switch *(ITL,ITM,SO1)* 2-19

Input Type: Joystick/Wobblestick {ITJ}

4-Switch Joystick *(SOJ)* 2-4
Joystick *(SOJ)* 2-19
Joystick with Pad Switch *(ITP,SOJ)* 2-19
Micro Joystick with Push Switch *(ITP,SOJ)* 2-23
Microswitch Joystick *(SOJ)* 2-24
Mini Joystick with Pneumatic Switch *(ITA,SOJ)* 2-24
Mini Joystick with Push Switch *(ITP,SOJ)* 2-25
Modified Joystick *(SOJ)* 2-25
PRC Joystick *(SOJ)* 2-32
Touch Sensitive Joystick Control *(SO1)* 2-38

Input Type: Light Sensitive (Optical) {ITL}

Infrared Switch *(ITE,ITM,SO1)* 2-19
Photo Cell Switch *(ITM,SO1)* 2-27

Input Type: Movement Activated {ITM}

Asaflex Model TS *(ITC,ITN,ITP,SO1)* 2-7
Barrel Switch *(SO1)* 2-7
Brow Wrinkle Switch *(SO1)* 2-8
Eyebrow Switch *(SO1)* 2-15
Finger Flex Switch *(SO1)* 2-15
Flex Switch *(ITP,SO1)* 2-16
Head Control for Wheelchairs *(SOJ)* 2-17
Headband Switch *(SO1)* 2-18
Infrared Switch *(ITE,ITL,SO1)* 2-19
Magnetic Finger Switch *(ITC,SO1)* 2-22
Mercury Tilt Switch *(SO1)* 2-23
P-Switch *(ITC,ITP,SO1)* 2-26
Photo Cell Switch *(ITL,SO1)* 2-27
Tilt Switch *(SO1)* 2-37
Tilt Switch *(SO1)* 2-37
Tip Switch *(SO1)* 2-38

Input Type: Noise (Sound or Vocalization) {ITN}

Asaflex Model TS *(ITC,ITM,ITP,SO1)* 2-7
Voice Activated Switch *(SO1)* 2-40

Input Type: Pressure Sensitive {ITP}

4-Plate Switch *(SOM)* 2-3
4-Pushbutton Switch *(SOM)* 2-3
5-Pushbutton Switch *(SOM)* 2-4
5-Tread Switch Slot Control *(SOM)* 2-4
AbleNet Switch 100 *(SO1)* 2-5
Air Cushion Switch *(SO1)* 2-5
Air Cushion Switch (Single or Dual) *(SO1,SO2)* 2-5
Air Switch Kits *(SO1)* 2-6
Arm Slot Control *(SOM)* 2-6
Armslot Switch Controller *(SOM)* 2-7
Asaflex Model TS *(ITC,ITM,ITN,SO1)* 2-7
Bite Switch *(SO1)* 2-8
Body Switch *(SO1)* 2-8
Button Switch *(SO1)* 2-9
Button Switch *(SO1)* 2-9
Button Switch *(SO2)* 2-9
Cap Switch *(SO1)* 2-10
Chin Switch *(SO2)* 2-10
Clamp-On Bump Switch *(SO1)* 2-11
Computer Keyboard Switch *(SO1)* 2-11
Computer Plate Switch *(SO1)* 2-11
Cup Switch *(SO1)* 2-12
Developmental Lever Control *(SO2)* 2-12
Double Push Panel *(SO2)* 2-13
Dual Plate Switch *(SO2)* 2-13
Dual Pushbutton Switch *(SO2)* 2-14
Dual Rocking Lever Switch *(SO2)* 2-14
Dual Tongue Switch *(SO2)* 2-14
Flat Air Cushion Switch *(SO1)* 2-16
Flex Switch *(ITM,SO1)* 2-16
Grasp Switch *(SO1)* 2-16
Grip Switch *(SO1)* 2-17
Hand Switch *(SO1)* 2-17
Head Switch *(SO1)* 2-18
Head Switch *(SO1)* 2-18
Joystick with Pad Switch *(ITJ,SOJ)* 2-19
L.T. Switch *(SO1)* 2-20
Leaf Switch *(SO1)* 2-20
Leaf Switch *(SO1)* 2-20
Leaf Switch *(SO1)* 2-21
Left/Right Rocker Switch *(SO2)* 2-21
Lever Switch *(SO2)* 2-21
Lever Switch *(SO1)* 2-22
Light Touch Lever Switch *(SO1)* 2-22
Membrane Plate Switch *(SO1)* 2-23
Micro Joystick with Push Switch *(ITJ,SOJ)* 2-23
Mini Cup Switch *(SO1)* 2-24
Mini Joystick with Push Switch *(ITJ,SOJ)* 2-25
Mini Rocking Lever Switch *(SO2)* 2-25
Mounting Switch *(SO1)* 2-26
P-Switch *(ITC,ITM,SO1)* 2-26
Paddle Switch *(SO1)* 2-26
Penta Switch *(SOM)* 2-27
Pillow Switch *(SO1)* 2-27
Pinch Switch *(SO1)* 2-28
Plate Switch *(SO1)* 2-28
Plate Switch *(SO1)* 2-28
Plate Switch *(SO1)* 2-29
Plate Switch *(SO1)* 2-29
Plate Switch *(SO1)* 2-29
Plate Switch On Stand *(SO1)* 2-30
Platform Switch *(SO1)* 2-30
Pointer Selection Switch *(SOM)* 2-31
Pressure Switch *(SO1)* 2-32
Pushbutton Switch *(SO1)* 2-33

Rocker Switch *(SO2)* 2-33
Rocker Switch *(SO2)* 2-33
Rocking Plate Switch *(SO2)* 2-34
Round Pad Switch *(SO1)* 2-34
Single Push Panel *(SO1)* 2-34
Single Rocking Lever Switch *(SO1)* 2-35
Soft Switch *(SO1)* 2-35
Sponge Nurse Call Switch *(SO1)* 2-36
Square Pad Switch *(SO1)* 2-36
Squeeze Type Switches *(SO1)* 2-36
Thumb Switch *(SO1)* 2-37
Tongue Switch *(SO2)* 2-38
Touch Switch *(SO1)* 2-39
Tread Switch *(SO1)* 2-39
Treadle Switch *(SO1)* 2-39
Vertical Plate Switch *(SO1)* 2-40
Wafer Switch *(SOM)* 2-40
Wobble Switch *(SO1)* 2-41
Wobble Switch *(SO1)* 2-41
Wobble Switch *(SO1)* 2-41

Switch Outputs: Dual Switch {SO2}

Air Cushion Switch (Single or Dual) *(ITP,SO1)* 2-5
Button Switch *(ITP)* 2-9
Chin Switch *(ITP)* 2-10
Cylindrical Touch Switch *(ITC)* 2-12
Developmental Lever Control *(ITP)* 2-12
Double Push Panel *(ITP)* 2-13
Dual Plate Switch *(ITP)* 2-13
Dual Pneumatic Switch *(ITA)* 2-13
Dual Pushbutton Switch *(ITP)* 2-14
Dual Rocking Lever Switch *(ITP)* 2-14
Dual Tongue Switch *(ITP)* 2-14
Dual Touch Pad Switch *(ITC)* 2-15
Left/Right Rocker Switch *(ITP)* 2-21
Lever Switch *(ITP)* 2-21
Mini Rocking Lever Switch *(ITP)* 2-25
Pneumatic Switch *(ITA)* 2-30
Pneumatic Switch *(ITA)* 2-31
Pneumatic Switch *(ITA)* 2-31
Rocker Switch *(ITP)* 2-33
Rocker Switch *(ITP)* 2-33
Rocking Plate Switch *(ITP)* 2-34
Tongue Switch *(ITP)* 2-38

Switch Outputs: Joystick (4 or 5 Switches) {SOJ}

4-Switch Joystick *(ITJ)* 2-4
Head Control for Wheelchairs *(ITM)* 2-17
Joystick *(ITJ)* 2-19
Joystick with Pad Switch *(ITJ,ITP)* 2-19
Micro Joystick with Push Switch *(ITJ,ITP)* 2-23
Microswitch Joystick *(ITJ)* 2-24
Mini Joystick with Pneumatic Switch *(ITA,ITJ)* 2-24
Mini Joystick with Push Switch *(ITJ,ITP)* 2-25
Modified Joystick *(ITJ)* 2-25
PRC Joystick *(ITJ)* 2-32

Switch Outputs: Multiple switches (3 to 15 Switches) {SOM}

4-Plate Switch *(ITP)* 2-3
4-Pneumatic Switch *(ITA)* 2-3
4-Pushbutton Switch *(ITP)* 2-3
5-Pushbutton Switch *(ITP)* 2-4
5-Tread Switch Slot Control *(ITP)* 2-4
Arm Slot Control *(ITP)* 2-6
Armslot Switch Controller *(ITP)* 2-7
Capacitive Touchplate Interface *(ITC)* 2-10
Penta Switch *(ITP)* 2-27
Pointer Selection Switch *(ITP)* 2-31
Wafer Switch *(ITP)* 2-40

Switch Outputs: Single Switch {SO1}

AbleNet Switch 100 *(ITP)* 2-5
Air Cushion Switch *(ITP)* 2-5
Air Cushion Switch (Single or Dual) *(ITP,SO2)* 2-5
Air Switch *(ITA)* 2-6
Air Switch Kits *(ITP)* 2-6
Asaflex Model TS *(ITC,ITM,ITN,ITP)* 2-7
Barrel Switch *(ITM)* 2-7
Bite Switch *(ITP)* 2-8
Body Switch *(ITP)* 2-8
Brow Wrinkle Switch *(ITM)* 2-8
Button Switch *(ITP)* 2-9
Button Switch *(ITP)* 2-9
Cap Switch *(ITP)* 2-10
Clamp-On Bump Switch *(ITP)* 2-11
Computer Keyboard Switch *(ITP)* 2-11
Computer Plate Switch *(ITP)* 2-11
Cup Switch *(ITP)* 2-12
Eyebrow Switch *(ITM)* 2-15
Finger Flex Switch *(ITM)* 2-15
Flat Air Cushion Switch *(ITP)* 2-16
Flex Switch *(ITM,ITP)* 2-16
Grasp Switch *(ITP)* 2-16
Grip Switch *(ITP)* 2-17
Hand Switch *(ITP)* 2-17
Head Switch *(ITP)* 2-18
Head Switch *(ITP)* 2-18
Headband Switch *(ITM)* 2-18
Infrared Switch *(ITE,ITL,ITM)* 2-19
L.T. Switch *(ITP)* 2-20
Leaf Switch *(ITP)* 2-20
Leaf Switch *(ITP)* 2-20
Leaf Switch *(ITP)* 2-21
Lever Switch *(ITP)* 2-22
Light Touch Lever Switch *(ITP)* 2-22
Magnetic Finger Switch *(ITC,ITM)* 2-22
Membrane Plate Switch *(ITP)* 2-23
Mercury Tilt Switch *(ITM)* 2-23
Mini Cup Switch *(ITP)* 2-24
Mounting Switch *(ITP)* 2-26
P-Switch *(ITC,ITM,ITP)* 2-26
Paddle Switch *(ITP)* 2-26
Photo Cell Switch *(ITL,ITM)* 2-27
Pillow Switch *(ITP)* 2-27
Pinch Switch *(ITP)* 2-28
Plate Switch *(ITP)* 2-28
Plate Switch *(ITP)* 2-28
Plate Switch *(ITP)* 2-29
Plate Switch *(ITP)* 2-29
Plate Switch *(ITP)* 2-29
Plate Switch On Stand *(ITP)* 2-30
Platform Switch *(ITP)* 2-30
Pressure Switch *(ITP)* 2-32
Puff Switch *(ITA)* 2-32
Pushbutton Switch *(ITP)* 2-33
Round Pad Switch *(ITP)* 2-34
Single Push Panel *(ITP)* 2-34
Single Rocking Lever Switch *(ITP)* 2-35
Sip & Puff Switch *(ITA)* 2-35
Soft Switch *(ITP)* 2-35
Sponge Nurse Call Switch *(ITP)* 2-36
Square Pad Switch *(ITP)* 2-36
Squeeze Type Switches *(ITP)* 2-36
Thumb Switch *(ITP)* 2-37
Tilt Switch *(ITM)* 2-37
Tilt Switch *(ITM)* 2-37
Tip Switch *(ITM)* 2-38
Touch Sensitive Joystick Control *(ITJ)* 2-38

Touch Switch *(ITP) 2-39*
Tread Switch *(ITP) 2-39*
Treadle Switch *(ITP) 2-39*
Vertical Plate Switch *(ITP) 2-40*
Voice Activated Switch *(ITN) 2-40*
Wobble Switch *(ITP) 2-41*
Wobble Switch *(ITP) 2-41*
Wobble Switch *(ITP) 2-41*

Index 4

Products Listed by Computer

This index lists all products for each computer, followed by the functions of that product and the book-page location. Whenever possible the computer family has been specified. The listings for specific models within that family generally include only those products made specifically for that model (e.g., a keyguard) or with clearly stated restrictions regarding certain models. In all other cases, including those where software compatibility with all models in the family is not clearly specified, the computer family has been used. The manufacturer should always be contacted for up-to-date information on which models a program works with.

For example, someone interested in software for the IBM PCjr. should check both the IBM PCjr. and IBM family lists. The manufacturer of the software that is identified as meeting the function needs and having the necessary input and output features should then be contacted to determine whether the program will run on the IBM PCjr.

Index 4: Products Listed by COMPUTER

The following is the order of the Computers by which products in this index are listed:

All Computers (Hardware Independent) {ALL}
Any CP/M Computer {CPM}
Apple II family (model not specified) {A2}
Apple II+ {A2+}
Apple IIc {A2C}
Apple IIe {A2E}
Apple Macintosh family {AM}
Atari (model not specified) {R}
Atari 2600 {R26}
Atari 400 {R4}
Atari 800 {R8}
Atari 800XL {R8X}
Atari ST family {RS}
Commodore (model not specified) {C}
Commodore 128 {C12}
Commodore 64 {C64}
Commodore Amiga {CA}
Commodore VIC 20 {CV2}
DEC (model not specified) {D}
Epson HX20 {EH2}
IBM 3270 {I37}
IBM PC AT {IPA}
IBM PC family (model not specified) {IP}
IBM PC jr {IPJ}
NEC (model not specified) {NE}
Other - Control Data {OC}
Other - Franklin 1000 {OF1}
Other - Franklin family (model not specified) {OF}
Other - Grid {OG}
Other - ITT {OI}
Other - Terminal (type not specified) {OT}
Other - Zenith {OZ}
TRS-80 Color {T8C}
TRS-80 Model 100 {TP1}
TRS-80 Model 200 {TP2}
TRS-80 Model I {T81}
TRS-80 Model II {T82}
TRS-80 Model III {T83}
TRS-80 Model IV {T84}
Tandy 2000 {T20}
Tandy/Radio Shack (model not specified) {T}
Texas Instrument TI 99/4A {X94}

The following is a list of the Function codes which may appear in paretheses after items in this index:

AD	Activities of Daily Living
AL	Artificial Larynx
AM	Administration or Management
AP	Authoring Program
AR	Analysis or Reporting Software
AS	Assessment (Evaluation)
BD	Braille Printer or Tactile Display (Component)
BP	Book/Paper Handling
BR	Braille
CI	Conversation/Interaction
CM	Call, Monitoring, or Memory System
CN	Calculation/Math Aid
CR	Cognitive Rehabilitation
DR	Drawing
DS	Database Management/Spreadsheet
EA	Electronic Communication or Writing Aid
EC	Environmental Control
ES	Early Skills (Pre-Reading)
ET	Education, Training, or Therapy
GA	Game
IA	Input Adapter for Computer
ID	Input Device Usable with Only Some Software
IE	IEP or IPP
KB	Keyboarding Training Program
KE	Keyboard Emulating Interface
KG	Keyguard
KM	Modification for Standard Keyboard
LP	Large Print Output
LR	Lipreading (Speech Reading)
LS	Later Skills (Includes Reading)
LT	Language Therapy/Development
MT	Mouse or Touch Pad Emulation
NA	Non-Electronic Communication Aid
OA	Other Software or Hardware Adaptation
PA	Personal Tool or Aid (for Speaking, Writing, Drawing, Controlling, etc.)
PC	Phone Control/Access
PT	Pointing or Typing Aid
PW	Portable Writing
RE	Recreation
SA	Speech Aid
SI	Signing
SS	Speech Synthesizer
ST	Speech Therapy (not Language Therapy)
SV	Screen (Display) to Voice
SW	Switch or Control
TD	Telecommunication Device for the Deaf (TDD)
TE	Terminal Emulator (Special Only)
TI	Alternate Input Usable with All Software
TL	Telecommunication
TO	Alternate Display System Usable with All Software
TR	Training or Communication Initiation Aid
TW	Alternate Input Adaptable for Use with All Software (Transparent With)
VA	Voice Amplifier
VO	Vocational
WP	Word Processing (Writing)

All Computers (Hardware Independent) {ALL}

Beamscope II *(LP,TO) 3-82*
BETA-X3 Thiel Braille Printer *(BD,BR) 3-105*
Butler-in-a-Box *(EC,PC,TI) 2-46*
CallText 5050 *(PC,SS) 3-115*
Compu-Lenz *(LP,TO) 3-84*
CompuDesk HCP *(OA) 3-129*
Coretechs VET3 *(TI) 3-26*
Cranmer Modified Perkins Brailler *(BD,BR) 3-105*
DECtalk *(SS) 3-116*
DP-200 Connected Speech Recognizer *(ID) 3-61*
Easy-Load-A-Diskette *(OA) 3-131*
Echo GP *(SS) 3-117*
ESS Rehabware *(AM) 3-153*
EyeTyper Model 200 *(CI,EA,EC,PC,PW,TI) 1-66*
Firm Grip Joystick Holder *(OA) 3-133*
INDEX *(BD,BR) 3-106*
Intex-Talker *(SS,SV) 3-118*
Kurzweil Voicesystem *(TI) 3-38*
Left/Right Rocker Switch *(SI,SW) 2-21*
LimeLight *(LP,TO) 3-89*
MBOSS-1 *(BD,BR) 3-107*
Modular Twin Turntable Desk *(OA) 3-138*
MPRINT *(BD,BR) 3-108*
Personal Brailler *(BD,BR,TE,TL) 3-109*
Personal Speech System *(SS) 3-119*
R/S II Series Wireless Link *(IA,OA) 3-75*
Ready Reader *(TI) 3-45*
Romeo Brailler *(BD,BR) 3-109*
SafeSkin Keyboard Protector *(KM,OA) 3-18*
SR-100 Voice Input Terminal *(TI) 3-48*
Stick-On Keylocks *(KM) 3-19*
TED-600 Text Embossing Device *(BD,BR) 3-110*
Touch 'N Talk Micros *(CI,ET,NA) 1-59*
TRI-170 Braille Terminal Embosser *(BD,BR,TE,TL) 3-110*
Type-'N-Talk *(SS) 3-124*
VersaBraille *(BD,BR,PA,WP) 3-111*
VersaPoint Braille Embosser *(BD,BR) 3-111*
Vertical Plate Switch *(SW) 2-40*
Voice Activated Switch *(SW) 2-40*
VTR 6050 Series II *(TI) 3-56*
Wheeled Floor Station *(OA) 3-143*
Wireless Data Transmission System *(IA,OA) 3-77*
Wobble Switch *(SW) 2-41*

Any CP/M Computer {CPM}

AudiBraille Computer *(BR,SV,TO) 3-81*
Brailink III *(BD,BR,TI,TO) 3-83*
Duxbury Braille Translator *(BR,PA) 3-316*
Echo Enhancement Box *(OA,SV) 3-131*
Enable Reader *(SV,TO) 3-85*
K Talker *(SV,TO) 3-87*
Magic Keyboard *(LP,TO) 3-90*
Microbrailler 2400 *(BD,PW,TO,WP) 3-107*
One Handed Typing *(ET,KB) 3-250*
Smartkey *(KM) 3-18*
XtraKey *(KM) 3-20*

Apple II family (model not specified) {A2}

Ability-Achievement Discrepancy *(AM,AR) 3-147*
Academics with Scanning: Language Arts *(ET,LS) 3-188*
Academics with Scanning: Math *(CN,ET) 3-188*
AIMstar *(AM,AR) 3-147*
Alphabet with Tom and Andy *(AR,ES,ET) 3-189*
Anatomy and Physiology of the Speech and Hearing Mech. *(ET,ST) 3-189*
Aphasia Series: I through VIII *(CR,ET,LS) 3-190*
Apple Adaptor *(IA,SW) 3-69*
Apple Computer Input Adapter *(IA,SW) 3-69*
Apple Demo Disk *(AS,ET) 3-190*
Apple DOS 3.3 Manual *(OA) 3-129*
Apple Switch Interface *(IA,SW) 3-70*
Appliance Genie *(AS,EC,ET,PA) 3-307*
Articulation Error Analysis *(AM,AR,ST) 3-148*
Articulation Error Analysis (AEA) *(AM,AR,ST) 3-148*
Articulator: Goals and Objectives for Speech *(AM,IE,ST) 3-149*
ASIEP Computer Scoring and Interpretation *(AM,AR) 3-149*
Assessment of Intelligibility of Dysarthric Speech *(AR,AS,ST) 3-171*
Audio Braille Game Tutorial *(BR,ET,GA,RE) 3-191*
Audio Scan *(CI,PA) 3-308*
Automated IEP System and Professional Goal Banks *(AM,IE) 3-150*
Automated IEP System and SCOR Goal Banks *(AM,IE) 3-150*
Basic Language Series-Spatial Concepts *(ES,ET,LT) 3-192*
Basic Vocabulary Builder on Computer *(ET,LS,LT) 3-192*
Blazing Paddles *(DR,ET,RE) 3-299*
Blisspen *(ET,LS) 3-193*
Blissymbolics: Bliss Drills *(ES,ET) 3-194*
Blissymbolics: Bliss Library *(AP,PA) 3-309*
Blissymbolics: Blissboard *(CI,ET,PA) 3-310*
Blissymbolics: Blissymbol Concepts *(ES,ET) 3-194*
Braille Display Processor *(BR,TO) 3-83*
Braille Trainer *(BR,ET,SV) 3-195*
Braille-Talk *(BR,PA,SV) 3-311*
ButtonCount Switch Assessment *(AS) 3-172*
Cacti Word Processor *(KM,PA,WP) 3-311*
Calc-Talk *(CN,LP,PA,SV) 3-312*
CAPTAIN: Cognitive Training Series *(AS,CR,ES,ET,LS) 3-196*
CARA *(AR,AS,LS) 3-173*
CASPT *(ET,ST) 3-197*
Catagorical Reasoning I and II *(CR,ET) 3-197*
Catch the Cow *(AS,ET) 3-173*
Child Placement Report Writer *(AM,AR) 3-151*
Choice Maker I *(AR,ES,ET) 3-198*
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Graphics Magician Painter *(DR,PA,RE) 3-319*
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Keyshields *(KG,KM) 3-13*
Kid Talk *(ES,ET,PA,SV,WP) 3-322*
LoVE *(LP,PA,SV,WP) 3-325*
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quadLynx Trackball *(MT,TI) 3-44*
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SmoothTalker *(SS,SV) 3-120*
Speller Bee *(ET,LS) 3-272*
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Atari (model not specified) {R}

Blazing Paddles *(DR,ET,RE) 3-299*
FingerTip Controller *(SW,TI) 3-31*
Foundations I *(AR,CR,ES,ET) 3-221*
Foundations II *(AR,CR,ES,ET) 3-222*
Graphics Magician Painter *(DR,PA,RE) 3-319*
Head Switch *(SW,TI) 2-18*
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Memory I *(CR,ES,ET,LS) 3-243*
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Mouth Operated Controller for Quads *(SW,TI) 3-41*
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Multi-Game Board *(GA,OA) 3-138*
TV Game-2 *(IA,SW) 3-76*

Atari 400 {R4}

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Leo's 'Lectric Paintbrush *(DR,ET,PA,RE) 3-324*
LogicMaster *(AS,ET,LS) 3-238*
Micro Illustrator *(DR,ET,PA,RE) 3-328*
PowerPad *(DR,ID,RE) 3-64*
PowerPad Programming Kit *(AP,ET) 3-256*
Talking Wheelchair *(CI,GA,PA,RE,WP) 3-340*

Atari 800 {R8}

Bear Jam *(ES,ET) 3-193*
Keyboarding For The Dyslexic *(ET,KB,LS,WP) 3-230*
Keyboarding for the Visually Limited *(ET,KB,LP,WP) 3-231*
Leo's 'Lectric Paintbrush *(DR,ET,PA,RE) 3-324*
LogicMaster *(AS,ET,LS) 3-238*
Micro Illustrator *(DR,ET,PA,RE) 3-328*
PowerPad *(DR,ID,RE) 3-64*
PowerPad Programming Kit *(AP,ET) 3-256*
Software Automatic Mouth (SAM) *(SS) 3-121*
Talking Wheelchair *(CI,GA,PA,RE,WP) 3-340*

Atari 800XL {R8X}

Keyboarding For The Dyslexic *(ET,KB,LS,WP) 3-230*
Software Automatic Mouth (SAM) *(SS) 3-121*

Atari ST family {RS}

First Shapes *(ES,ET) 3-218*
Kid Talk *(ES,ET,PA,SV,WP) 3-322*
Mathtalk *(AR,CN,ET) 3-242*
Speller Bee *(ET,LS) 3-272*

Commodore (model not specified) {C}

Cacti Word Processor *(KM,PA,WP) 3-311*
Comm-Prog *(CI,PA) 3-313*
Mouth Operated Controller for Quads *(SW,TI) 3-41*

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Dot & Draw *(DR,ET,GA,RE) 3-300*
Joywriter *(LP,PA) 3-322*
Voice Master *(ID,SS) 3-125*

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Access-Ability *(TI) 3-23*
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Blazing Paddles *(DR,ET,RE) 3-299*
Bobcat *(BR,ET) 3-195*
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Commodore Light Pen *(AP,DR,ID) 3-61*
Complete Spelling Program *(ET,LS) 3-203*
Computerized Enabling System *(CI,EC,PA,PC,WP) 3-315*

Core Reading and Vocabulary Development *(ET,LS)* 3-208
Dot & Draw *(DR,ET,GA,RE)* 3-300
Dvorak Keyboard Modification Programs *(KM)* 3-4
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Fay's Word Rally *(ET,LS)* 3-215
Fay: That Math Woman *(CN,ET)* 3-216
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FingerTip Controller *(SW,TI)* 3-31
Game Power for Phonics, Plus *(AS,ET,LS)* 3-177
Graphics Magician Jr. *(DR,PA,RE)* 3-319
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H:1 Handicapped Word Games *(ET,GA,LS,RE)* 3-300
Head Switch *(SW,TI)* 2-18
Joywriter *(LP,PA)* 3-322
Keyboarding For The Dyslexic *(ET,KB,LS,WP)* 3-230
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Keyboarding with One Hand *(ET,KB,WP)* 3-232
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Keylocks *(KM)* 3-13
Kindermath II *(CN,ES,ET)* 3-233
Large Print Word Processor *(LP,PA,WP)* 3-323
Leo's 'Lectric Paintbrush *(DR,ET,PA,RE)* 3-324
Lite Touch *(DR,GA,RE,TI)* 3-38
LogicMaster *(AS,ET,LS)* 3-238
MOD Keyboard System *(CI,TI,TW)* 3-40
Modified Joystick *(SW)* 2-25
Point and Read *(ET,LS)* 3-254
PowerPad *(DR,ID,RE)* 3-64
PowerPad Programming Kit *(AP,ET)* 3-256
Pressure Sensitive Expanded Keyboard *(TI)* 3-43
Purposeful Patterns, Purposeful Symbols, What Belongs?
  (CR,ES,ET,LS) 3-259
Soft Tools '83, '84, '85 *(CR,ES,ET,LS,LT)* 3-267
Software Automatic Mouth (SAM) *(SS)* 3-121
Software Simulations of Communication Prostheses
  (AS,CI,ET) 3-182
Spell-A-Vision *(ET,LS)* 3-271
Talking Aid *(CI,PA)* 3-338
Timothy Communications Package *(CI,EA,PW)* 1-79
Tongue Controller *(SW,TI)* 3-49
Voice Master *(ID,SS)* 3-125
Votalker C-64 *(SS)* 3-126
Zygo TETRAscan II *(TI)* 3-57

Commodore Amiga {CA}

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Kid Talk *(ES,ET,PA,SV,WP)* 3-322
Mathtalk *(AR,CN,ET)* 3-242
Point and Read *(ET,LS)* 3-254
Talker *(PA,SV,WP)* 3-338

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Keynote *(PA,PW,SV,TL,TO,WP)* 3-88
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Cognitive Rehabilitation Series *(CR,ET,LS)* 3-199
Cogrehab Vol. 1 *(CR,ET,LS)* 3-200
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Coinsnkeys *(CN,ES,ET,KB)* 3-202
Communitree - First and Second Editions *(DS,PA,TL)* 3-314
Compuscore: For the Scales of Independent Behavior
  (AM,AR) 3-152
Computer Entry Terminal *(TI)* 3-25
Computer Progs. for Neuropsychological Testing & Rehab.
  (AR,CR,ET,LS) 3-206
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Echo Enhancement Box *(OA,SV) 3-131*
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Graphics Magician Painter *(DR,PA,RE) 3-319*
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Individualized Planning System *(AM,AR) 3-157*
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Lite Touch *(DR,GA,RE,TI) 3-38*
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MESA *(AR,AS,VO) 3-178*
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Micro-Interpreter I (Fingerspeller) *(ET,SI) 3-245*
Minspeak 1 *(CI,EA,EC,PW,TI,TW) 1-70*
MOD Keyboard System *(CI,TI,TW) 3-40*
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Morse Code Drills *(ET) 3-248*
Morse-Code Based Keyboard Emulator *(TI) 3-40*
Multi-Scan *(AS,CI,ET,PA,TR) 3-329*
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Parrot Easy Language Sample Analysis (PELSA) *(AM,AR,AS,LT) 3-158*
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Quiet Duck Learning Series *(AS,ET,KB,LS) 3-259*
Race the Clock *(ET,GA,RE) 3-260*
Rapsheet *(DS,PA,SV) 3-333*
SAGE System *(AR,AS,VO) 3-181*
SALT (Systematic Analysis of Language Transcripts) *(AM,AR,LT) 3-161*
SAR-10 Voice Plus *(TI) 3-46*
Screen-Talk Pro *(SV,TO) 3-96*
Screenkeys *(TI) 3-47*
Smarthome I *(CM,EC,PC) 2-63*
Smartkey *(KM) 3-18*
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Speak-A-Label *(DS,PA,SV) 3-335*
Speech Recognition Keyboard *(TI) 3-48*
Speech Writer *(PA,SV,WP) 3-336*
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Spell-A-Vision *(ET,LS) 3-271*
Spellist *(ET,LS) 3-273*
Stanford-Binet Computer Report (SB-CR) *(AM,AR) 3-162*
SuperKey *(KM) 3-19*
Supertalker *(SS) 3-122*
SynPhonix 200 *(SS) 3-123*
Tele-Talk *(PA,SV) 3-342*
TI-Speech *(TI) 3-49*
Touch Talker *(CI,EA,PW,TI,TW) 1-80*
Touch Window *(DR,DS,ID,RE,WP) 3-65*
Trine System (ACS) *(CI,EA,PW,TI,TW,WP) 1-80*
Trine System (Words+) *(CI,EA,PW,TI,TW,WP) 1-81*
UNISTAR Pre-IEP Report *(AM,IE) 3-163*
V.P. *(SV,TO) 3-99*
VERBal STAR *(PA,SV,WP) 3-347*
Vert Plus *(SV,TO) 3-100*
Viewscan Text System *(CN,LP,PA,PW,TE,TO,WP) 3-100*
Vista *(LP,TO) 3-101*
VocaLink CSRB-LC *(TI) 3-50*
VocaLink Series 4000 *(TI) 3-51*
Voice Card *(TI) 3-52*
Voice Command System *(TI) 3-53*
Voice Communications Option *(PC,SV,TI,TL) 3-53*
Voice Communications System *(PC,TI) 3-54*
Voice Driver *(TI) 3-54*
Voice Systems Package *(SV,TI) 3-55*
Voicescribe-1000 *(TI) 3-55*
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Votalker IB *(SS) 3-126*
WAIS-Riter 'BASIC' *(AM,AR) 3-164*
Wechlsler Adult Intelligence Scale-Revised (WAIS-R) *(AM,AR) 3-164*
Western Center Echo + Synthesizer Package *(OA,SV) 3-143*
WISC-R Computer Report (WISC-RCR) *(AM,AR) 3-165*
WISC-Riter 'BASIC' *(AM,AR) 3-166*
WISC-Riter Complete *(AM,AR) 3-166*
Woodcock Reading Mastery Tests Error Analysis Report *(AM,AR) 3-167*
Word-Talk *(PA,SV,WP) 3-348*
Words-to-Voice *(SV,TO,WP) 3-101*
Zygo scanWRITER *(CI,EA,EC,PW,TI,TW) 1-86*
Zygo TETRAscan II *(TI) 3-57*

IBM PC jr {IPJ}

Coinsnkeys *(CN,ES,ET,KB) 3-202*
Core Reading and Vocabulary Development *(ET,LS) 3-208*
Enhanced PC Talking Program *(SV,TO) 3-85*
Foundations I *(AR,CR,ES,ET) 3-221*
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Key Tronic Plug-Compatible Keyboards *(KM) 3-7*
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Keyshields *(KG,KM) 3-13*
Micro Braille *(BR,PA,WP) 3-327*
Multi-Scan *(AS,CI,ET,PA,TR) 3-329*
PC Speak *(SV,TO) 3-92*
Picture Perfect *(DR,RE) 3-302*
Race the Clock *(ET,GA,RE) 3-260*
Spellist *(ET,LS) 3-273*
Synphonix jr *(SS) 3-123*
Writing to Read *(ET,LS) 3-295*

NEC (model not specified) {NE}

FingerTip Controller *(SW,TI) 3-31*
Head Switch *(SW,TI) 2-18*
Keyer *(KM) 3-8*
Modified Joystick *(SW) 2-25*
Tongue Controller *(SW,TI) 3-49*

Other - Control Data {OC}

JOBS System *(AM,AR,AS,VO) 3-178*

Other - Franklin 1000 {OF1}

Computer Entry Terminal *(TI) 3-25*

Other - Franklin family (model not specified) {OF}

Keyguards *(KG,KM) 3-11*
Print-it *(OA,TO) 3-94*

Other - Grid {OG}

Keyguards *(KG,KM) 3-12*
Moisture Guard *(KM,OA) 3-15*

Other - ITT {OI}

Voice Communications System *(PC,TI) 3-54*

Other - Terminal (type not specified) {OT}

VocaLink SYS300 *(TI) 3-51*
VocaLink VRT300 *(TI) 3-52*

Other - Zenith {OZ}

Smarthome I *(CM,EC,PC) 2-63*

TRS-80 Color {T8C}

Ears *(TI) 3-27*
Handi-Writer Version 3.51 *(CI,PA) 3-320*
Lightpen Programs for Special Education I & II *(CN,ET,LS) 3-237*
Morser *(PA,WP) 3-328*
PowerPad *(DR,ID,RE) 3-64*
Quiet Duck Learning Series *(AS,ET,KB,LS) 3-259*
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TRS-80 Model 100 {TP1}

Keyer *(KM) 3-8*
Talking 100 *(CI,EA,PC,PW,WP) 1-78*

TRS-80 Model 200 {TP2}

Keyer *(KM) 3-8*

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Basic Interpreter for the Blind *(SV,TO) 3-82*
Cogrehab Vol. 1 *(CR,ET,LS) 3-200*
Cogrehab Vol. 2 *(CR,ET,LS) 3-200*
Cogrehab Vol. 3 *(CR,ET,LS) 3-201*
Enhanced PC Talking Program *(SV,TO) 3-85*
JOBS System *(AM,AR,AS,VO) 3-178*
Keyguards *(KG,KM) 3-10*
Large Type *(LP,PA,WP) 3-323*
SAYIT *(AP,OA) 3-140*

TRS-80 Model II {T82}

Handi-Keys *(AR,AS,KM) 3-5*

TRS-80 Model III {T83}

Articulator: Goals and Objectives for Speech *(AM,IE,ST) 3-149*
Child Placement Report Writer *(AM,AR) 3-151*
Cogrehab Vol. 1 *(CR,ET,LS) 3-200*
Cogrehab Vol. 2 *(CR,ET,LS) 3-200*
Cogrehab Vol. 3 *(CR,ET,LS) 3-201*
Core Reading and Vocabulary Development *(ET,LS) 3-208*
Deafsign *(AS,ET,SI) 3-210*
Edufun *(CN,ET,LS) 3-213*
Enable Writer *(TI) 3-28*
Enhanced PC Talking Program *(SV,TO) 3-85*
Explorer *(AM,AR) 3-154*
Game Power for Phonics, Plus *(AS,ET,LS) 3-177*
H:1 Handicapped Word Games *(ET,GA,LS,RE) 3-300*
H:2 Handicapped Arithmetic Flash Cards *(CN,ET,LS,RE) 3-224*
Keyboarding For The Dyslexic *(ET,KB,LS,WP) 3-230*
Keyboarding for the Physically Handicapped *(AS,ET,KB) 3-231*
Keyboarding for the Visually Limited *(ET,KB,LP,WP) 3-231*
Keyboarding with One Hand *(ET,KB,WP) 3-232*
Keyguards *(KG,KM) 3-10*
Large Type *(LP,PA,WP) 3-323*
PIAT Error Analysis Report *(AM,AR) 3-159*
Quiet Duck Learning Series *(AS,ET,KB,LS) 3-259*
SAYIT *(AP,OA) 3-140*
Stanford-Binet Computer Report (SB-CR) *(AM,AR) 3-162*
Wechlsler Adult Intelligence Scale-Revised (WAIS-R) *(AM,AR) 3-164*
WISC-R Compilation: What To Do Now... *(AM,AR) 3-165*
WISC-R Computer Report (WISC-RCR) *(AM,AR) 3-165*

Woodcock Reading Mastery Tests Error Analysis Report *(AM,AR) 3-167*

TRS-80 Model IV {T84}

Articulator: Goals and Objectives for Speech *(AM,IE,ST) 3-149*
Child Placement Report Writer *(AM,AR) 3-151*
Cogrehab Vol. 1 *(CR,ET,LS) 3-200*
Cogrehab Vol. 2 *(CR,ET,LS) 3-200*
Cogrehab Vol. 3 *(CR,ET,LS) 3-201*
Core Reading and Vocabulary Development *(ET,LS) 3-208*
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Keyboarding For The Dyslexic *(ET,KB,LS,WP) 3-230*
Keyboarding for the Physically Handicapped *(AS,ET,KB) 3-231*
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Wechlsler Adult Intelligence Scale-Revised (WAIS-R) *(AM,AR) 3-164*
WISC-R Compilation: What To Do Now... *(AM,AR) 3-165*
WISC-R Computer Report (WISC-RCR) *(AM,AR) 3-165*
Woodcock Reading Mastery Tests Error Analysis Report *(AM,AR) 3-167*

Tandy 2000 {T20}

Quiet Duck Learning Series *(AS,ET,KB,LS) 3-259*

Tandy/Radio Shack (model not specified) {T}

Smarthome I *(CM,EC,PC) 2-63*

Texas Instrument TI 99/4A {X94}

Keyguards *(KG,KM) 3-11*

Appendix A

Additional Sources of Information

This appendix includes resource lists and sources of information about a variety of topics relevant to the application of technology in special education, rehabilitation and augmentative communication. The information provided is not evaluative and inclusion on any of the Information Summaries does not imply endorsement or recommendation. A listing of the Information Summary titles is provided on the next page.

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Selected Newsletters and Journals — A-6
Networks, Bulletin Boards and Databases — A-13
Associations/Advocacy Groups/Self-Help Groups — A-17
Training Programs in Technology in Special Education — A-21
Computer Assessment/Training Programs for Disabled Individuals — A-24
Information on Adaptive Toys and Toy Modifications — A-27
Selected Information Resources for Deaf and Hearing Impaired Individuals — A-29
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Selected Software Resources

This list contains two sections, with information on SOFTWARE DIRECTORIES and SOFTWARE INFORMATION SERVICES. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Software Directories and Guides

Special Times
Free
COL
Dept. C
1696 Massachusetts Avenue
Cambridge, MA 02138
800/637-0047
Free catalog of software selected specifically for children with learning disabilities. Over 100 programs, by subject area.

The Educational Software Catalog
Computer Options
85 Market Street
Poughkeepsie, NY 12601
914/471-2765
100 pages; current educational software for Apple, IBM, and Commodore, by subject area; 500+ titles.

Public Domain Software on File, Apple II Series Collection
Facts on File Publications
460 Park Avenue South
New York, NY 10016
212/683-2244
Currently gathering and evaluating public domain software for IBM, Macintosh, and CP/M.

Software Directory of Free Educational Material and Special Education Software
$30.00
Education Associates
P.O. Box 35221
Phoenix, AZ 85069

Special Apple Speech-Large Print Resource Lists
$10.00
Access Unlimited Speech Enterprises
P.O. Box 7986
Houston, TX 77270
713/461-1666

The Educational Software Catalog
Soft-Kat Inc.
Crestwood Co.
P.O. Box 04606, Dept. SJK
Milwaukee, WI 53204
414/351-0311
Includes chart showing curriculum goals/skills and grade levels, and which programs focus on these skills.

Software Recommended for Special Populations
Dr. Eydie Sloane
FDLRS-South
9220 SW 52nd Terrace
Miami, FL 33165
305/274-3501
Alphabetically lists programs in major curriculum areas (language arts, math, social studies, science, career/vocational education, speech/language, survival/independent living skills, leisure activities, word processing/utilities, computer science/technology and recommendations for (1) hearing impaired, vision impaired, motor impaired, mentally retarded or learning disabled and (2) ability/interest level - preschool, elementary, junior, senior and adult.

The Specialware Directory: A Guide to Software For Special Education
$19.50
The Oryx Press
2214 N. Central at Encanto
Suite 104
Phoenix, AZ 85044
Comprehensive reference of programs from more than 100 companies. Programs are indexed by curriculum area (further divided into specific skill areas), exceptionality, hardware, use of special peripherals for input and output, level (early childhood, primary, intermediate jr. high, sr. high, adult basic education, professional). Programs for special education admin. are included (authoring systems, learner evaluation and assessment, records maintenance/general administration and management, teacher utilities).

The 1986 Educational Software Preview Guide
ICCE (International Council for Computers in Education)
University of Oregon
1787 Agate Street
Eugene, OR 97403-1923
503/686-4414
Lists over 400 titles of favorably reviewed software for K-12 classroom use by curriculum area.

Only the Best: The Discriminating Software Guide
For Preschool-Grade 12
1986 edition
Education News Service (see Publications section)
P.O. Box 1789
Carmichael, CA 95609
916/483-6159
916/488-4623
An annual report by the editors of School Tech News. Descriptions of 168 new programs that received highest agreement of top quality from 22 evaluation services, and a listing of 54 runners-up programs and the 113 highest rated programs from 1985.

Technology in Curriculum (TIC) Project
Technology Unit
California Dept. of Education
721 Capitol Mall
Sacramento, CA 95814
916/324-1961
4 resource guides (math, lang. arts, science, history/social sci.) which explain how 100 video and 500 software programs fit into the curriculum with specified learning objectives. 5-10 detailed lesson plans using programs for different grades in each subject area. Data related software (Apple II) merges information in the resource guides electronically. This is expected to be a model for other states; each public school in Calif. received a copy. A limited number are available for other educators.

Compilation of Clinical Software For Aphasia Rehabilitation and Cognitive Retraining
Clinical 2850 Windemere
Birmingham, MI 48008

Computer Use in Social Services
Network Software Clearinghouse
The Graduate School of Social Work
University of Denver
Denver, CO 80208-0274
303/871/2915
Software for use in human services.

Survey of Existing Courseware
Education Turnkey Systems, Inc.
256 N. Washington Street
Falls Church, VA 22046
703/536-2310

The Special Directory
LINC Resources
3857 North High Street
Columbus, OH 43214
614/263-2123

Family Guide to Educational Software
L.F. Garlinghouse, Inc.
320 SW 33rd Street
P.O. Box 299
Topeka, KS 66601-0299
913/267-2490

Educational Software for the School
American Educational Computer
2450 Embarcadero Way
Palo Alto, CA 94303

Directory of Educational Computing Resources
Classroom Computer Learning
5616 West Carmel Street
Cicero, IL 60650

The Yellow Book: A Parent's Guide to Teacher Tested Educational Software
1985
Garland Publishing, Inc.
136 Madison Avenue
New York, NY 10016

IBM Special Education Resources Guide to Adaptive Devices, Software, and Services for Special Education, Vocational Rehabilitation, and Employers
National Support Center for Persons with Disabilities
P.O. Box 2150
Atlanta, GA 30055
404/238-3206
800/426-2133

The Rehab/Education Technology Resourcebook Series: Resourcebook 3, Software and Hardware
1986
Trace Research and Development Center
1500 Highland Avenue
S-151 Waisman
Madison, WI 53705
608/262-6966

Curriculum Software Group
P.O. Box 189
Selma, OR 97538
503/597-2424
Software for special education.

Custom Software For Use in Rehabilitation Facilities
The Sheltered Workshop, Inc.
P.O. Box 1206
208 N. 4th Street
West Memphis, AR 72301
501/732-2750
Programs include: Individual Program Planning, Job/Client Matching, Piece Rate Payroll, Contribution Recording System, Leave Record, and Client Data Management.

Courseware in Special Education
School Book Branch
Alberta Education
10410 - 121 Street
Edmonton, Alberta, Canada T5N 1L2
403/427-2767
Available on diskette, usable with DB Master program.

Personal Computer Software
IBM National Support Center for Persons with Disabilities
P.O. Box 2150
Atlanta, GA 30055
404/238-3206
800/426-2133

Special Education Software Review
Dea Pfeiffer (editor)
3807 Northwood Avenue
Peoria, IL 61614
309/685-8262

Microgram
Educational Products Information Exchange
P.O. Box 839
Water Mill, NY 11976
516/283-4922

The Digest of Software Reviews: Education
301 West Mesa
Fresno, CA 93704
209/431-8300
1000+ review extracts from 150 journals and magazines; monthly issues and circulation indexes by title, subject, publisher and computer (Ap, Ct, Com, IBM, DEC, TRS-80)

Educational Software
First Software Corporation
available at computer dealers
A quarterly catalog of bestselling educational products for Apple, IBM and Commodore 64 computers.

An Update on Software in Cognitive Rehabilitation
William Lynch
May/June, 1986
Cognitive Rehabilitation
6555 Carrollton Avenue
Indianapolis, IN 46220
317/257-9672

Software Information Services

Connecticut Special Education Network/Software Evaluation
ConnSENSE
Box U-64
Glenbrook Road
University of Connecticut
Storrs, CT 06268
203/486-4034
Concerned with evaluating courseware for disabled students. Has telecommunications system for special education administrators, and a telecommunication project for disabled students.

Special Education Software Center
Building B, Room S312
333 Ravenswood Avenue
Menlo Park, CA 94025
For Technical Assistance: 800/223-2711
For Technical Assistance (City): 800/435-7639
For Software Information: 800/327-5892
Free access to the Center's software database and information services. Can retrieve by any or all of these categories: curriculum or skill term; academic readiness or interest level; handicapping condition; type of computer, peripherals required; primary users; type of instruction. Center staff mail out a printout of all references found, or can send electronically to SpecialNet, CompuServe, or HelpNet (see "Networks"). An info sheet listing hands-on evaluation of products available. Funded by US Dept. of Education

Disability, Electronic Aids Reference Service (DEARS)
Miss Helen M. Townley
117, Wickham Chase
W. Wickham Kent, ENGLAND BR4 OBQ
01-777 7560

Selected Newsletters and Journals

This list is divided into sections of publications with information for computer users with disabilities, and those using computers to teach persons with disabilities, and information on the area of augmentative communication. No recommendations or endorsements are implied by inclusion in this list. Contact each resource for specific, up-to-date information.

Journal for Computer Users in Speech and Hearing
Computer Users in Speech and Hearing (CUSH)
School of Hearing and Speech Sciences
Ohio State University
Athens, OH 45701
614/594-6168
Publishes manuscripts dealing with computer applications in diagnosis, treatment, and delivery of services to communicatively handicapped persons. Includes software/hardware reviews, new product announcements and summaries.

American Journal of Occupational Therapy
American Occupational Therapy Association
1383 Piccard Drive
Rockville, MD 20850
301/948-9626
Publication that lists new approaches, practices, research, educational activities and professional trends in occupational therapy.

SERC Newsletter
Connecticut Special Education Resource Center
Hartford Graduate Center
275 Windsor Street
Hartford, CT 06120
203/246-8514
Outlines the Special Education Resource Center's inservice activities, and lists new acquisitions, including professional books, instructional materials and microcomputer software.

Electronic Education
Electronic Communications, Inc.
1311 Executive Center Drive
Suite 220
Tallahassee, FL 32301
904/878-4178
Electronic Education features educational uses of the microcomputer. Has carried articles on computer applications in special education.

Rehabilitation Gazette
Gazette International Networking Institute
4502 Maryland Avenue
St. Louis, MO 63108
314/361-0475
A bi-annual international journal on the subject of independent living. Published by disabled individuals, it features articles on travel, book reviews, technological equipment and friends around the world.

TRAINING, The Magazine of Human Resource Development
Lakewood Publications, Inc.
The Lakewood Building
50 S. 9th Street
Minneapolis, MN 55402
612/333-0471
Articles concerning training disabled employees to do their jobs in corporate and industrial settings as well as making jobs accessible to disabled people. Concentrates on adapting existing business equipment.

Ruralink
ACRES
359 Miller Hall
W. WA University
Bellingham, WA 98225
206/676-3576
Each issue contains a section on technology. Additionally, various other sections report latest technological and adaptive devices for rural disabled individuals.

Rural Special Education Technology
National Rural Development Institute
359 Miller Hall
W. WA University
Bellingham, WA 98225
206/676-3576
Each issue contains sections on resources, problems and strategies, many of which are related to technology for handicapped persons. A recent issue was devoted exclusively to technology.

Education Computer News
Capitol Publications
1300 N. 17th Street
Arlington, VA 22209
703/528-5400
Bi-monthly newsletter that reports on computer advances in education. Reports on teacher training, software purchasing, obsolescence, new products, research, legislation, state and local news, meetings and conventions.

Cognitive Rehabilitation
6555 Carrollton Avenue
Indianapolis, IN 46220
317/257-9672
Bimonthly journal that includes articles on the use of computers in cognitive retraining, software reviews, and printed source code to allow readers to program new applications.

MAINSTREAM, Magazine of the Able Disabled
Exploding Myths, Inc.
2973 Beech Street
San Diego, CA 92102
619/234-3138
Covers independent living and employment related technology. Also carries feature articles on individuals with various handicapping conditions.

BYTE
70 Main Street
Peterborough, NH 03458
603/924-9281
BYTE is a monthly magazine covering general computer applications. The magazine has occasional articles on computer applications for disabled individuals.

Education Update
Association for Retarded Citizens of Georgia
1851 Ram Runway #102
Colley Park, GA 30337
404/761-2745
Contains articles relevant to parents educating each other. Technological aids and assistive devices are frequently featured.

Input/Output
669 Casleton Avenue
Staten Island, NY 10301
718/984-1526
This periodical is published by handicapped students in the New York City Public Schools. It serves as a clearinghouse for technology in Special Education.

Rehabilitation Digest
Canadian Rehabilitation Council for the Disabled
One Yonge Street
Suite 2110
Toronto, Ontario Canada M5E 1E5
416/862-0340
Each issue contains the feature, "Let's Get Technical," highlighting technology and aids to daily living. Additionally, computer technology is a regular feature.

The Exceptional Children
Psy Ed Corporation
605 Commonwealth Avenue
Boston, MA 02215
617/536-8961
Covers technology and exceptional children as well as new technological developments. Devotes one issue each year strictly to technology.

Education of the Handicapped
Capitol Publications
1300 N. 17th Street
Arlington, VA 22209
703/528-5400
Bimonthly newsletter containing current information about federal, state, and local efforts to educate handicapped children. Covers new laws and regulations, court cases and funding.

Moving Forward
P.O. Box 1304
La Canada, CA 91011
818/952-1340
Features articles on various disabilities as well as regular items regarding technology and disabled people.

Paraplegia News
5201 N. 19th Avenue 111
Phoenix, AZ 85015
602/246-9426
Offers information on spinal cord injury issues to disabled individuals and to the professional community. Includes articles on accessibility, research, recreation, legislation, and new products.

Personal Computer Opportunities for the Handicapped
P.O. Box 374
Spicer, MN 56288
612/796-5765

Viewpoint
Center for Information Resources
University of Pennsylvania
4025 Chestnut Street, 3rd Floor-T7
Philadelphia, PA 19104-3054
215/898-8108
A publication designed to address the community of individuals interested in training and placement of handicapped persons in the area of data processing.

Washington Apple Pi Journal
Washington Apple Pi
8227 Woodmont Avenue
Suite 201
Bethesda, MD 20814
301/654-8060
Feature reviews of microcomputer hardware and software. It also serves as a type of computer bulletin board for individuals wishing to meet and/or help other computer users.

Link-and-GO
COPH Bulletin
COPH-2
2030 Irving Park Road
Chicago, IL 60618
312/477-1813
Periodicals dedicated to handicapped persons who use personal computers. Quarterly.

On-Line Today
CompuServe, Inc.
5000 Arlington Centre Blvd.
Columbus, OH 43220
This periodical informs subscribers to CompuServe's Handicapped User's Database about new technologies and services available on the database.

Accent on Living
Box 700
Bloomington, IL 61701
309/378-2961
Quarterly. Information for physically disabled individuals.

The Disabled Challenger
Kissick's Consultants, Inc.
1615 South Fourth
Apt. #M-3210
Minneapolis, MN 55454
Quarterly newsletter. Each issue features one disabled person and one nondisabled person with positive outlooks.

Bits and Pieces
Massachusetts Rehabilitation Commission Library
Room 331
20 Park Plaza
Boston, MA 02116
617/727-1140 (voice and TDD)
A bi-monthly newsletter and acquisitions list of the Massachusetts Rehabilitation Commission Library. The Library has a large collection of disability and rehabilitation information.

The Disability Rag
The Advocado Press, Inc.
Box 145
Louisville, KY 40205-54
502/459-5343
Deals with social change and political issues affecting the disability rights movement. Frequently contains articles regarding the relevance of technology and announcements about new technology.

ConnSENSE Bulletin
Connecticut Special Education Resource Center
Hartford Graduate Center
275 Windsor Street
Hartford, CT 06120
203/246-8514
Contains reviews of software as they apply to special needs students. Lists upcoming events and technological breakthroughs for people with disabilities as well as resource and reference information.

Bright Futures
Easter Seal Children's Center
3161 Maple Drive, NE
Atlanta, GA 30305
404/261-6262
Offers advice for pre-school computing, including articles on successful software utilized both in therapy and the classroom. Also covers questions and answers derived from letters to the editor.

Awareness
NAPVI
P.O. Box 180806
Austin, TX 78718
InCider
CW Communications/Peterborough
P.O. Box 911
Farmingdale, NY 11737-9811
Monthly magazine that deals with the Apple II series of computers. Articles, reviews, including educational software.

Counterpoint
9618 Percussion Way
Vienna, VA 02180
703/281-3601
Quarterly newspaper sponsored by the National Association of State Directors of Special Education. Practices, research outcomes, trends and advancements in special education.

Disability News OnLine
257 Center Lane
Levittown, NY 11756

SENSUS
Technology Update
Sensory Aids Foundation
399 Sherman Avenue, Suite 12
Palo Alto, CA 94306
Quarterly.

UpdatABLE
D:ATA Institute
4407 Eighth Street NE
Washington, DC 20017
Quarterly newsletter with Abledata current events, questions and answers, related information sources and user success stories. A component of the Abledata User's Group.

Bulletins of Science and Technology for the Handicapped
Free of charge.
American Association for the Advancement of Science
Office of Opportunities in Science
1776 Massachusetts Ave. N.W.
Washington, DC 20005
202/467-4400
Quarterly. Includes announcements of products, meetings, scholarships, grants, resource lists, and summaries of current research.

The Catalyst
1259 El Camino Real
Suite 275
Menlo Park, CA 94025
415/326-6997
Bimonthly; Newsletter of the Western Center for Microcomputers in Special Education, Inc.; Information on products, research, and applications.

Closing the Gap
P.O. Box 68
Henderson, MN 56044
612/248-3294
Bimonthly. Information on the use of computers in special education and rehabilitation, including software and hardware reviews, user comments, articles, and suggestions.

Computer Disability News
Free of charge.
National Easter Seal Society
2023 W. Ogden Ave.
Chicago, IL 60612
312/243-8400
Quarterly; Announcements regarding products, software, meetings, grants; interviews with leaders in the field.

COPH Bulletin
2030 Irving Park Road
Chicago, IL 60618
Committee on Personal Computers and the Handicapped;
Quarterly.
Cue Newsletter
P.O. Box 18547
San Jose, CA 95158
Bimonthly; Special education news and information on educational software.

Current D:ATA
D:ata Institute
The Catholic University of America
4407 8th St. N.E.
San Jose, CA 95158

FDLRS-South
Exceptional Technology
9220 SW 52 Terrace
Miami, FL 33615
305/274-3501

Micro Scope
HCCCP
7938 Chestnut
Kansas City, MO 64132
816/363-4606
Quarterly newsletter of the Handicapped Children's Computer Cooperative Project. Includes software review and application tips.

Network
No charge.
2520 Broadway Drive
Minneapolis, MN 55110
Bimonthly Instructional newsletter listing materials available from the Minnesota Educational Computing Consortium.

Re:Able
Re:Able Publishing
P.O. Box 381
Bellflower, CA 90706
Bimonthly; Provides announcements and articles on successful computer applications.

Rehabilitation Technology Review
RESNA
1101 Connecticut Avenue NW
Suite 700
Washington, DC 20036
202/857-1199
"Left to Our Own Devices"

The Sloane Report
9220 SW 52nd Terrace
Miami, FL 33165
305/251-2199
Bimonthly. Available on cassette. Information on the computer industry, software and hardware reviews, consumer tips, and product information.

Teaching Research Newsletter
Special Education Department
Monmouth, OR 97361
503/838-1220

Trade-a-Comp, Trade-a-Disk
P.O. Box 671
Bethel Park, PA 15102
Monthly; For those wanting to buy, sell, or trade new or used computer hardware and software.

VME (Volunteers for Medical Engineering, Inc.)
11728 Mays Chapel Road
Lutherville, MD 21093
301/252-7834

Classroom Computer News
International Educations, Inc.
51 Spring Street
Watertown, MA 02172

The Computing Teacher
$21.50/yr.
135 Education
1787 Agate Street
University of Oregon
Eugene, OR 97403
503/686-4414
9 issues/yr (August-June). The journal of ICCE (International Council of Computers in Education). Articles, columns of various interest areas (logo, math, language arts, sciences) software reviews, new products, calendars/updates.

Educational Dealer
Pitman Learning
19 Davis Drive
Belmont, CA 94002

Educational Technology
Educational Technology Publications
720 Palisade Avenue
Englewood Cliffs, NJ 07632
201/871-4007
Monthly. Articles dealing with the application of computers for education, literature and product reviews, and abstracts of documents from the ERIC Clearinghouse of Information Resources.

Electronic Learning
Scholastic, Inc.
P.O. Box 645
Lyndhurst, NJ 07071

Family Computing
Scholastic, Inc.
351 Garver Road
P.O. Box 2700
Monroe, OH 45050-9998

Journal of Educational Technology Systems
Baywood Publishing Company, Inc.
120 Marine Street
Farmingdale, WY 11735

Journal of Special Education Technology
Managing Editor
Exceptional Child Center
UMC - 68
Utah State University
Logan, Utah 84322
Quarterly; Information, research, and reports of innovative practices applicable to educational technology.

Personal Computing
Hayden Publishing Company
10 Mulholland Drive
Hasbrouck Heights, NJ 07604
School Tech News
$32.95/yr.

Education News Service
P.O. Box 1789
Carmichael, CA 95609
916/483-6159
916/488-4623
7 issues/yr, Sept-May; yearly index. Articles, news briefs, new products and resources, software evaluations.

Computer Review-For Apple Users in Speech and Hearing
$24.95/yr.
P.O. Box 1139
State College, PA 16804
Monthly newsletter. Tips and tricks, software evaluation, articles, question-and-answer column.

Computers and the GT Student
Creative Computer Enterprises
3002 Roanoke Circle
LaFayette, IN 47905
Quarterly; software reviews, articles, Q & A column, classroom management tips and hints.

SIG Bulletin
135 Education
University of Oregon
Eugene, OR 97403
Quarterly; is a forum for ICCE special interest groups to exchange information. One SIG is the SIGSPED - for Special Education.

Computers and Complex Thinking Newsletter
Janice Patterson
National Center in Effective Secondary Schools
School of Education, University of Wisconsin-Madison
1025 West Johnson Street
Madison, WI 53706
608/263-4200

Heath
Closer Look Resource Center
Box 1492
Washington, DC 20013
202/833-4707

Software in the Classroom, A Newsletter for Social Studies Teachers
John Ruggiero
Free
Focus Media, Inc.
839 Stewart Avenue
P.O. Box 865
Garden City, NY 11530
800/645-8989
516/794-8900 (NY)
Quarterly.

Update
ERIC
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091
703/620-3660
Semi-annual

Rehab Brief
PSI International
200 Little Falls Street
Suite 104
Falls Church, VA 22046
Monthly newsletter each focusing on a specific topic

The Compu-Tech Connection
Research and Training Center
Stout Vocational Rehabilitation
School of Education & Human Services
University of Wisconsin-Stout
Menomonie, WI 54751
Quarterly newsletter; Product and resource descriptions.

Disabled USA
President's Committee on Employment of the Handicapped
1111 20th Street NW
Washington, DC 20210
202/653-5044

Communicating Together
Blissymbolics Communication Institute
350 Rumsey Road
Toronto Ontario, Canada M4G 1R8
416/424-3806
Communicating Together is a quarterly journal published by the Blissymbolics Communication Institute. Application of Blissymbols and information useful in implementing all augmentative communication systems are provided.

International Rehabilitation Review
432 Park Avenue South
New York, NY 10016
212/869-0460
Quarterly.

The Advocate
NSAC
1234 Massachusetts Avenue NW
Suite 1017
Washington, DC 20005
202/783-0125
Contains current information relating microcomputers to the teaching of autistic children. Also lists information concerning conferences relating to computers and autism.

Journal of Learning Disability
5613 W. Cermak Road
Cicero, IL 60650
Includes section on computers in the schools.

Current Expressions
Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
Quarterly; Product information, articles on system users.

Augmentative and Alternative Communication
Williams and Wilkins
428 E. Preston Street
Baltimore, MD 21202
Journal focuses on non-verbal communication, integration theory, technology, systems development, assessment, treatment and education of alternative systems users.

ALS Association Newsletter
ALS Association
Box 5951
Sherman Oaks, CA 91403
818/990-2151
Contains summaries of available computer-assisted communication appliances and devices. New developments in the computer-assisted communication field are covered in each issue.

Communi-Collegist
Callier Center for Communication Disorders
1966 Inwood Road
University of Texas
Dallas, TX 75225
214/783-3000
Provides current information on augmentative communication materials, equipment, and literature.

Assistive Devices News
Pennsylvania Assistive Device Center
Elizabethtown Hospital and Rehabilitation Center
Elizabethtown, PA 17022
717/367-1161
Monthly; Provides product information, announcements, and conference reports. Focuses on augmentative communication, and includes information on computer access peripherals.)

Communication Outlook
Circulation Manager
Michigan State University
405 Computer Center
East Lansing, MI 48824-1042
517/353-0870
Quarterly; Focuses exclusively on communication aids and techniques.

Developmental Equipment Newsletter
981 Winnetka Terrace
Lake Zurich, IL 60047
312/438-3476
Product updates on augmentative communication and computer access devices; articles sharing useful equipment applications.

Blindness and Vision Impairments

See Information Resources on Access to Computers for Blind and Visually Impaired.

Deafness and Hearing Impairments

See Information Resources for the Deaf

Networks, Bulletin Boards and Databases

This is a summary of databases and computerized networks of interest to people with disabilities and those working with them. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Robotics Information
(BRS)
EIC/Intelligence, Inc.
48 West 38th Street
New York, NY 10018
212/944-8500
Database with journals, books, technical reports, and conference proceedings dealing with robotics.

On-Line Microcomputer Guide and Directory
(BRS)
On-Line, Inc.
11 Tannery Lane
Weston, CT 06883
203/227-8466
Database with listings of software, including descriptives, reviews, and producer comment. No game/entertainment software.

4 Sights Network
National Information System for the Visually Impaired
16625 Grand River
Detroit, MI 48227
313/272-3900
Teleconferencing, bulletin board, and database for blind persons and those working with them. Database information is available on rehabilitation resources, public policy, calendar of events, software descriptions and reviews, a multihandicapped blind conference, specialized training facilities, low vision, job exchange, technological aids and assistive devices, and occupational information.

CompuServe
P.O. Box 20212
5000 Arlington Centre Blvd.
Columbus, OH 43220
800/818-8199
A nationwide database with bulletin boards that provide information on handicapped persons, issues, technology, and statistics, among other things.

KendallNET
Kendall Demonstration Elementary School
800 Florida Avenue NE
Washington, DC 20002
202/651-5260 (voice or TDD)
A computer network developed specifically for schools and programs serving hearing impaired students. Electronic bulletin boards on new hardware, solutions to technical problems, what works well with deaf students, discussions of trends. An educational software clearinghouse listing programs in use or under evaluation at KDES or other schools and programs for the deaf. Electronic mail system, computer pen pal project.

ARTN (Advanced Rehabilitation Technology Network)
ACS Medicom
25825 Eshelman Avenue
Lomita, CA 90717
A network for rehab centers in N. America designed and managed by ACS Medicom. Intended to provide a key to more effective use of all rehab databases. Information is available on research & technical information, product information & test results, funding, legislative/legal efforts, education, employment. As well as electronic mail and data, ARTN stations will be able to run and use any program on the fileserver (e.g., Lotus 1-2-3 and DBase III Plus, etc.). 25 round one sites began using ARTN in June 1986.

AppleCider BBS
Greg Trobaugh
39-44 24th Street, Apt. 3B
Long Island City, NY 11101
718/482-0088 (voice)
718/482-0089 (modem)
A bulletin board service designed to provide support to all computer users, with special emphasis on making information available to disabled persons regarding the use of the computer for productive work and rehabilitation.

CTG Solutions
Closing the Gap
P.O. Box 68
Henderson, MN 56044
612/248-3294
A database with information on computer technology for persons with disabilities. Information on hardware, software, publications, organizations, and practices/procedures is available at a cost of $10.00 per inquiry. Annual membership fee will be initiated in October, 1986. Mail or phone inquiries; operator sends a printed document.

CompuHelp
National Association of Blind and Visually Impaired
Computer Users
P.O. Box 1352
Roseville, CA 95661-1352
916/786-3923, modem
916/783-0364, voice
A menu-driven database and bulletin board for use by blind and visually impaired computer users. Information on hardware, software, publications in braille or tape, self-help groups, blind computer user groups, etc. No charge; $10.00/year donation is requested. 24 hours per day.

Logo Class Penpal Network
Ruffner Hall
University of Virginia
Charlottesville, VA 22903
804/924-3332
The network matches participating Logo teachers and their classes with other counterparts from around the U.S., Canada, or overseas, by grade level, Logo experience, interests, and computer compatibility.

Rare Disease Database
NORD
Box 8293
New Fairfield, CT 06812
203/746-6518
This is a searchable database on CompuServe, accessible with a PC and a modem. Contains health related information with resources that can be contacted for further assistance.

CompuServe
(1) HUD (Handicapped User's Database)
Rear 4
Furry Court
Lancaster, OH 43130

The Disability Forum
Daveed Mandell
P.O. Box 3557
Berkeley, CA 94703
Information sharing, experience sharing. Also The Mainstream Center, Round Hill Road, Northhampton, MA 01060-2199.

Rural Rehabilitation Technologies Database
University of North Dakota
Medical Center, Rehabilitation Hospital
Box 8202
Grand Forks, ND 58202
701/780-2489
This organization maintains a database containing information about technological devices of interest to disabled people.

Tech-Net
Psi-Tech Program
Concepts for Independent Living
Operations Center
2203 Airport Way South
Suite 310
Seattle, WA 98134
206/343-0670
A nationwide information network for the disabled community. Four available databases service referral, equipment exchange, publication referral and talent registry (able-bodied volunteers). Planned database: civil/legal rights, peer interest groups, open bulletin board for information sharing.

JAN (Job Accommodation Network)
P.O. Box 468
Morgantown, WV 26505
304/293-7186 (general information)
800/526-7234
A computerized catalog of solutions to accommodate functional access limitations in work environments. It was developed to promote the hiring and advancement of people with organizations.

ABLEDATA
National Rehabilitation Information Center
The Catholic University of America
4407 Eighth Street NE
Washington, DC 20017
202/635-6090
A computerized listing of commercially available products for rehabilitation and independent living.

Accent on Information
P.O. Box 700
Bloomington, IL 61701
309/378-2961
A computerized product database organized by categories of equipment and by disability function.

ADDS (Assistive Device Database System)
American International Data Search, Inc.
2326 Fair Oaks Boulevard
Suite C
Sacramento, CA 95825
800/275-8700
800/223-2437 (California residents)
A source of information on adaptive equipment programs and other resources. Requests can be made via computer, mail, or the toll free number.

AdvocNet
The National Center for Research in Vocational Education
Ohio State University
1960 Kenny Road
Columbus, OH 43210
800/848-4815
614/486-3655 (in Ohio)
A communications network for vocational educators; includes The Vocational Education Special Needs Newswire.

CONFER
Blissymbolics Communication Institute
350 Rumsey Road
Toronto, Ontario M4G 1R8
406/424-3806
A computer conferencing network that enables users to establish and participate in technology-related forums and conferences regarding individuals.

CRISP (Computer Retrieval of Information on Scientific Projects)
National Institute of Health
Westwood Building, Room 148
5333 Westbard Avenue
Bethesda, MD 20205
301/496-7543
A scientific base of information developed from recent government health research.

BDIS (Center for Birth Defects Information Services)
171 Harrison Avenue
Boston, MA 02111
617/956-7400
A computerized database of articles, diagnostic test cases, and an undiagnosed birth defects registry.

National Computer Bulletin Board Directory
Thomas Wnorowski
$2.00
3352 Chelsea Circle
Ann Arbor, MI 48104
Lists more than 1400 bibliographies.

CUSSNet (Computer Use in Social Services Network)
Division of Social Work
East Carolina University
Greenville, NC 27834
Computerized inventory of commercially available and public domain human services software. One component specializes in info on computers and handicapped users. Classification by special interest group available. Local and national bulletin boards, downloading of public domain software, skills bank, special interest groups. Teaching materials, reports, literature concerned with the education of disabled children and adults.
OR: Dick Schoech, School of Social Work, University of Texas at Arlington, P.O. Box 19129, Arlington, TX 76019.

DEAF-NET
SRI International
333 Ravenswood Avenue
Menlo Park, CA 94025
415/859-2236
A computer network designed for but not limited to the hearing impaired.

EIES (Electronic Information Exchange System)
Computerized Conferencing and Communications Center
New Jersey Institute of Technology
323 High Street
Newark, NJ 07102
201/641-5321
Currently investigating the use of the EIES System to allow people with disabilities, the homebound, and senior citizens to communicate among themselves and with others.

ECER, ERIC (Educational Resources Information Center)
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091
703/620-3660
ECER is the ERIC database. It has educational materials (including special education), reports, bibliographic information, available via computer, microfiche, or paper copy.

HELPNET
Special Education Software Center
Building B, Room S312
333 Ravenswood Avenue
Menlo Park, CA 800/435-7639 (access) (except Alaska and Hawaii)
800/223-2711 (technical information)
800/327-5892 (software information)
On-line access to the Special Education Software Center. With a modem and telecommunications software, the center can be contacted via a toll-free number. Future plans include bulletin boards where software subroutines developed as a part of technical assistance activities are made available. No charge.

HEX
(Handicapped Education Exchange)
11523 Charlton Drive
Silver Spring, MD 20902
301/681-7372
A computerized bulletin board available through the public telephone network. Free services are offered for those involved in the education of the handicapped.

NTIS (National Technical Information Service)
Department of Commerce
5285 Port Royal Road
Springfield, VA 22161-2200
703/487-4600 general information
703/487-4642 computer searches
703/487-4640 documents
A leading source for government research and reports. Data searches on topics are published and available for order.

UNET
The M.U.S.E. User's Network
Western Illinois University
Macomb IL 61455
309/298-2257
An electronic bulletin board for computer users, program developers, and educators; information on computer use in special education, forum for information and idea sharing, and access to public domain software relevant to the field. On-line 24 hours/day, 7 days/week. No membership charge.

Well-Net
(CHIP - Community Health Information Project)
222-C View Street
Mountain View, CA 94141
415/968-8798
415/968-1126
A nationwide electronic bulletin board for the disabled. No membership fee.

NARIC (National Rehabilitation Information Center)
See ABLEDATA

REHABDATA
See ABLEDATA

Specialnet
National Association of State Directors of Special Education
2021 K Street NW, Suite 315
Washington, DC 20006
202/296-1800
This network features telephone access, electronic mail, bulletin and data collection in the area of special education.

Center for Special Education Technology
Technology Information Exchange
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091
800/345-8324
703/620-3660
Two electronic bulletin boards offering news about special education technology and information from other special educators. Information is primarily on how the technology is used, rather than on the products. Information and fact sheets available at no charge.

LINC Resources, Inc.
3857 N. High Street
Columbus, OH 43214
614/263-5462
A computerized database of the software for instruction, personal assistance, administration, and testing. Free searches.

Microcomputer Education Applications Network
256 North Washington Street
Falls Church, VA 22091
703/536-2310
An information exchange network for special educators.

TRAIN
Suite 101
Neshaminy Plaza 11
Bensalem, PA 19020
215/639-1513
A database of testing, training resources, assessment, and workshop materials used in special education. Inservice Network for professionals in special education.

Sources of Additional Information

The Complete Handbook of Personal Computer Communication: Everything You Need to Know to Go Online with the World
St. Martin's Press
175 5th Avenue
New York NY 10010
212/657-5151

Online Databases that Include Rehabilitation Information
Sharon McFarland
NARIC
The Catholic University of America
4407 Eighth Avenue NE
Washington, DC 20017
202/635-5822

Associations/Advocacy Groups/Self-Help Groups

The groups and organizations listed below are concerned with the education, rehabilitation, and employment of severely disabled individuals. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

American Academy for Cerebral Palsy and Developmental Medicine
2315 Westwood Avenue
P.O. Box 11083
Richmond, VA 23230
804/355-0147
Professional organization concentrating on the latest developments in the treatment of cerebral palsy.

Association for the Development of Computer-Based Education and Training
Washington University
Miller Hall 409
Bellingham, WA 98225
206/676-2860
Association for professionals involved in computer-based education and training. Membership benefits include annual conference, newsletter, quarterly journal and local chapters.

American Occupational Therapy Association
1383 Piccard Drive
Rockville, MD 20850
301/948-9626
AOTA is a nationwide organization of professionals concerned with all aspects of the occupational therapy field. The organization publishes the American Journal of Occupational Therapy.

ASHA (American Speech-Language-Hearing Association)
10801 Rockville Pike
Rockville, MD 20852
301/897-5700
ASHA is involved in a number of different applications of computer technology, including administration, clinic, therapeutic, educational, and research.

Center for Computer Assistance to the Disabled (C-CAD)
P.O. Box 314
Hurst TX 76053
817/273-2084

Association of Electronic Cottagers
677 Canyon Crest Drive
Sierra Madre, CA 91024
Organization designed to support people who work in their homes with personal computers. Members can obtain marketing assistance and business consultation. Information can be obtained through CompuServe.

Association of Computer Educators, Inc.
751 Band Avenue
Staten Island NY 10310
718/596-5708
New York state area. Facilitates information sharing, promotes equitable use of computers by all students.

BMUG
$40/year; includes bi-annual newsletter, help-line
1442 A Walnut Street #62
Berkeley CA 94709
Macintosh Users Group; one of the Group's SIGs is concerned with educational applications.

Boston Computer Society
1 Central Plaza
Boston MA 02108
617/367-8080

California Governor's Committee for Employment of the Handicapped
800 Capitol Mall
Sacramento CA 95814
916/323-2545

Committee on Personal Computers and the Handicapped (COPH-2)
2030 W. Irving Park Road
Chicago IL 60618
312/728-9879
312/477-1813
Information and technical consultation.

Community Health Information Project (CHIP)
222C View Street
Mountain View CA 94041
415/968-8798

CompuNet
Robert Mauro
Disability News OnLine
257 Center Lane
Levittown, NY 11756
Support network for employed, disabled men and women who use computers to earn a living.

Connecticut Parent Advocacy Center
Mohegan Community College
Norwich, CT 06360
203/886-5250
This organization acts as a referral agency for people needing information about services for handicapped people.

Coordinating Council for Handicapped Children
220 South State Street
Room 412
Chicago, IL 60604
312/939-3513
Provides training programs on special education rights and services for parents and professionals.

Council for Exceptional Children
1920 Association Drive
Reston, VA 22091-1589
703/620-3660
The major national association of special education teachers, administrators, and university students training to be teachers. Publishes Exceptional Children and Teaching Exceptional Children.

Council on Assistive Devices and Listening Systems
P.O. Box 32227
Washington, DC 20007
The primary goal of this organization of manufacturers and distributors is to alert the general public to ways in which electronic devices and systems can help hearing impaired persons cope more effectively with their disability.

Disabled Interest Group of the San Diego Computer Society (DIGSIG)
Milton Blackstone
1301 Dell Crest Lane
La Jolla CA 92037
619/459-8255

Easter Seal Systems
2023 W. Ogden
Chicago, IL 60612
312/243-8400
This organization sponsors grants for software development for disabled persons, and is developing regional adaptive device centers. Provides education, training, and discounts on selected computer systems.

Federation for Children with Special Needs
312 Stuart Street
Second Floor
Boston, MA 02116
617/482-2915
Coalition of parent organizations offering technical assistance and resource information on children with various disabilities.

FIGHT (Family Interest Group - Head Trauma), Inc. Library
1370 Wellesley Avenue
St. Paul, MN 55105
612/478-6477
Offers advice, information, and materials (for a returnable deposit) on head trauma, rehabilitation, medical care, and adaptive lifestyles.

Georgia Computer Programmer Group
2201 Glenwood Avenue SE
Atlanta, GA 30316
404/894-3972
404/874-8371

Iowa Computer-Assisted Rehabilitation Group (ICARG)
Mr. Jim Borchard
Northgate Manor
Waukon IA 52172

ISAAC (International Society for Augmentative and Alternative Communication)
P. O. Box 1762
Station R
Toronto, Ontario M4G 4A3
416/424-3806
An information and referral organization for individuals concerned with and/or working with communication disorders. Publishes Communication Outlook and Augmentative and Alternative Communication.

LIFT, Inc.
350 Pfingsten
Suite 303
North Brook IL 60062
312/564-9004
Not-for-profit contract programming company that identifies, trains, and hires physically handicapped individuals for major corporations.

Muscular Dystrophy Association
810 7th Avenue
New York, NY 10019
212/586-0808
Local chapters, clinics, referral services. Bimonthly newsletter, quarterly publication.

Music Therapy Association
25 Gelston Avenue
Brooklyn, NY 11209
718/745-9231
Provides services for disabled people interested in computer-generated music systems. Services include consulting and system set-up.

NAHSA (National Association of Hearing and Speech Action)
10801 Rockville Pike
Rockville, MD 20852
301/897-5700
A consumer advocacy group for speech and hearing impaired persons and for deaf persons.

National Down Syndrome Congress
1800 Dempster
Park Ridge, IL 60068
312/823-7550
An organization of parents and professionals that provides information on services for persons with Down Syndrome.

National Head Injury Foundation, Inc.
P.O. Box 567
Framingham MA 01701
617/879-7473

National Parent Chain, Inc.
867C High Street
Worthington, OH 43805
614/431-1911
This organization operates a SpecialNet Bulletin Board dedicated to information about special education.

National PC Vis. Users Group
1504 E. 71st Place, #1308
Tulsa OK 74136
918/492-0511
Or 130 Hosmer Drive, Syracuse NY 13209, phone 315/635-9209

National Spinal Cord Injury Association
149 California Street
Newton, MA 02158
617/964-0521
Provides information or referrals for the direct care of para- or quadriplegic persons. Publishes a variety of materials for rehabilitation professionals and persons with spinal cord injuries.

NSAC (National Society for Children and Adults with Autism)
1234 Massachusetts Avenue NW
Suite 1017
Washington, DC 20005
202/783-0125
NSAC is a national service and advocacy organization for people with autism. Special services are offered on a local level as well as public policy advocacy and information and referral services being offered on a national scale. This organization provides information relating to computers and autistic children.

Ohio Coalition for the Education of the Handicapped
933 High Street
Suite 200-H
Worthington, OH 43085
614/431-1307
Currently developing a statewide database of agencies serving handicapped children.

PACER
4826 Chicago Avenue South
Minneapolis, MN 55417
612/827-2966
PACER provides information, training and assistance to parents of handicapped children. Advice is offered in the areas of appropriate education and interpretation of legal rights.

Quadriplegics Communications Group, Inc.
407-333 Stradbrook
Winnipeg Manitoba R3L 0J5

SIGSPED
International Council for Computers in Education
1787 Agate Street
Eugene OR 97403-1923
503/686-4414
Special interest group for computers in special education.

Special Interest Group for Computers and Physically Handicapped (SIGCAPH)
c/o Association for Computing Machinery
11 West 42nd Street
New York NY 10036
Karen Anderson, Director; Rochester, NY, 716/427-1834

TASH (The Association for Persons with Severe Handicaps)
7010 Roosevelt Way NE
Seattle, WA 98115
206/523-8446
Offers information on severe-profound handicaps (particularly severe retardation). Maintains an extensive bookstore of books and papers regarding persons with severe handicaps. Produces assistive devices.

The ALS Association
Box 5951
Sherman Oaks, CA 91403
818/990-2151
This national organization acts as a referral service for computers and computer assisted communication devices to ALS patients. Most such patients depend on computers to enable them to communicate with others.

The Disabled Children's Computer Group
Fairmont School
724 Kearny Street
El Cerrito, CA 94530
415/528-DCCG

VIEWPOINT
c/o Physically Handicapped Training Center
University of Pennsylvania
Philadelphia PA 19104
215/898-8108

Washington Apple Pi
8227 Woodmont Avenue
Suite 201
Bethesda, MD 20814
301/654-8060
Organization of Apple computer users who meet and discuss all aspects of Apple computers. Many of the topics are applicable to disabled individuals. The organization publishes Washington Apple Pi Journal.

Training Programs in Technology in Special Education

This list contains information on both degree programs and workshop/training opportunities in the area of computer applications for disabled persons. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

ACTT Curriculum (Activating Children Through Technology)
27 Horrabin Hall
Western Illinois University
Macomb, IL 61455
309/298-1014
Project ACTT was a model demonstration project funded in 1983 to develop a microcomputer curriculum model for ages birth-6. The computer was added to the existing setting to foster a sense of autonomy and control over the environment through environmental control, used as a communication device, as a tool to draw or write, and as a teaching device. Adaptive peripherals allowed several handicapped children to be part of group of activities, and it was found that social interaction was equalized somewhat by computer use in small and large groups.

Carroll Center for the Blind
770 Centre Street
Newton, MA 02158-2597
Annual summer training program for special educators (introduction to computers and access devices, access devices for the Apple, access devices for the IBM) and blind teenagers (word processing).

Center for Learning & Technology
State University of New York at Buffalo
217 Baldy Hall
Buffalo, NY 14260
716/636-2110
Incorporates an interdisciplinary approach to integrating new technology into education. Goals include investigating fundamental questions, constructing prototypes and establishing relationships between industry and education.

Computer and Information Science Department
University of Massachusetts
A305 Graduate Research Center
Amherst, MA 01003
413/545-2744
Conducts research in design of single-switch scanning systems. Involved in the development and application of microcomputer programs for single-switch scanning. Evaluates software systems for the disabled.

Computer Resource Center
207 N. San Marco Avenue
St. Augustine, FL 32084
904/824-1654, ext. 581
Provides computer training and technical support to teachers of blind students and teachers of deaf students.

Department of Special Education
Charles A. MacArthur, Ph.D.
University of Maryland
College Park, MD 20742
301/454-6921
Computer technology in special education doctoral program.

Department of Special Education
Dr. Jean Fleischner
Dr. Robert Kretschmer
Box 223
Teachers College
Columbia University
New York, NY 10027
212/678-3880
In cooperation with the College's Department of Communication, Computing, and Technology in Education, an M.A. in Learning Disabilities or Ed.D. in Special Education, involving the application and development of technology.

Department of Special Education
University of Arkansas-Little Rock
33rd and University
Little Rock, AR 72204
501/569-3335
Teaches future rehabilitation and special education professionals computer use for a wide range of purposes. Involved in a variety of research projects, particularly regarding the use of bar code technology.

Division of Rehabilitation Services (TN)
400 Deaderick Street
Suite 1100
Nashville, TN 37219
615/741-5644
The division is on-line with SpecialNet, RehabNet, DeafNet, SCAN, HEX, and ABLEDATA. It provides statewide staff training in the uses of microcomputers in rehabilitation for vocational rehabilitation counselors.

Education Division
Johns Hopkins University
100 Whitehead Hall
Baltimore, MD 21045
301/338-8273
Johns Hopkins offers both a Masters and a Doctoral program in Special Education Technology. The Education Division conducts research on integrating microcomputers into the special education classroom.

Gallaudet College
Mrs. Karen Simpson
Graduate Admissions Counselor
800 Florida Avenue NE
Washington, DC 20002
202/651-5070
800/672-7620, etc. 5070
Master of Science in Educational Technology: Special Education/Deafness.

Institute on Learning-Based Tools for Special Populations
University of Virginia
Charlottesville, VA 22903
804/924-7107
The Institute was held June 16 - July 5, 1986. Activities to enhance use of computer applications and technology in special education and clinical settings included use of learner-based software such as 1000, MPAL (a LOGO-like language which permits use of interactive videodisk, speech synthesizer and animation), PC Storyboard, and Listen to Learn (a talking word processor). Participants have the use of a computer and modem during the following year to exchange ideas and information.

Lesley College Graduate School
Rebecca Corwin, Assistant Professor
Computers and Education: Focus on Learners with Special Needs
Division of Education and Special Education
29 Everett Street
Cambridge, MA 02238
617/868-9600, ext. 371
Courses blend theoretical and field-based work; Master's Degree or Certificate of Advanced Graduate Study. Program includes introductory level programming languages, software evaluation, applications for special needs learners, and curriculum integration.

M.U.S.E. Trainer Project
(Microcomputer Use in Special Education)
27 Horrabin Hall
Western Illinois University
Macomb IL 61455
309/298-1072
M.U.S.E. is designed to give participants expertise to take advantage of technology and the ability to train others in the use of computers with disabled persons. The 7 graduate level courses include: Microcomputer Applications in Education; The Young Child–Learning with technology; Microcomputer Technology in the Elementary & Middle Schools; Modification of Microcomputers for Children or Special Needs; Rehabilitation Application of Microcomputers by the Handicapped; Seminar in Instructional Strategies; Practicum in Training Teachers to Use Microcomputers; Modification of Microcomputers for Children with Special Needs; Field Practicum in Technology Applications–Rehabilitation of Adults.

Micro Abilities
98 Main Street
Suite 232
Tiburon, CA 94920
415/435-2966
Offers training to education and rehabilitation professionals and provides appropriate computer-related devices to work directly with clients. Assists disabled people with independent living skills.

Microcomputer Resource Center
St. Martin's College
Lacey, WA 98503
206/438-4334
Provides the opportunity for educators and others to review and evaluate different computer systems, software and other instructional materials. A variety of classes are offered related to new uses of technology.

Project M.U.S.E.
27 Horrabin Hall
Western Illinois University
Macomb, IL 61455
309/298-1634
309/298-1014
Project M.U.S.E. is a federally funded program with the primary purpose of training special education teachers to use computers in their classrooms. M.U.S.E. also identifies, evaluates and catalogs hardware and software that is designed for or can be modified for use with handicapped children. UNET is the user's network for information sharing, questions-and-answers, or problem solving. Workshops/presentations/training can be arranged. Possible topics include: Microcomputer Use and the Handicapped Child; Bits and Bytes for Babies; Introduction to Logo; Software Evaluation; Adapting Peripherals; Using Switches with Handicapped Children; Integrating the Microcomputer in the Classroom; Learning from Computer Games; Word Processing; Computers as a Third Wave Tool.

Rehabilitation Research and Training Center
University of Oregon
217 Clinical Services Building
Eugene, OR 97405
503/686-3585
Administers the "Community Living" Bulletin Board on SpecialNet. Develops interactive video for mildly handicapped individuals. Organizes the local Special Interest Group for Special Educators of ICCE.

Resource Center
Colorado Easter Seal Society, Inc.
609 W. Littleton Blvd.
Littleton, CO 80120
303/795-2016
Offers a variety of computer services for disabled people, including computer camps, workshops for disabled individuals, teachers and therapists, and information on computers and adaptive equipment.

Selective Systems for Living
2500 Riverside Avenue
Minneapolis, MN 55454
612/375-0153
Provides workshops on special input devices, environmental control devices and word processing. Assists clients in procuring systems. Working to link handicapped people to computers and employment.

SETUP
Special Education Technology Users Project
3430 Leahi Avenue
Honolulu, HI 96815
803/737-2377
SETUP is a federally funded project that trains special education teachers in the state of Hawaii to utilize the computer as a tool for computer managed instruction and computer assisted instruction.

Special Education Technology Resource
Emmanuel College Library
Third Floor
300 The Fenway
Boston, MA 02115
617/232-7913
The center maintains a software lending library, model adaptive hardware learning lab, and a variety of teacher training opportunities for special educators.

Easter Seal Children's Center
3161 Maple Drive, NE
Atlanta, GA 30305
404/261-6262
Offers advice and training for computer use with preschool handicapped children. Includes diagnostic services for students regarding computers, peripherals and appropriate software.

Computer Assessment/Training Programs for Disabled Individuals

This list contains information on programs and organizations that provide training for disabled persons involving the use of computers. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Cerebral Palsy Foundation of South Arizona
4710 E. 29th DAC W.
Tucson, Arizona 85711
602/747-6809
Involves basic remediation and rehabilitation, vocational counselling and research on the use of technology with individuals with severe and profound handicaps.

Florida Diagnostic Learning Resources Services (FDLRS)
9220 SW 52 Terrace
Miami, FL 33165
305/274-3501
Offers diagnostics for computer compatibility for disabled people, inservice training, computer information resources, as well as software and hardware evaluation.

Du Page Easter Seal Treatment Center, Inc.
830 S. Addison
Villa Park, IL 60181
312/620-4433
The center specializes in the use of personal computers in therapy.

Adaptive Computer Technology Center
Kennedy Memorial Hospital
30 Warren Street
Brighton, MA 02135
617/254-3800
Utilizes and provides instruction in the use of computer-based technology to enhance learning, leisure, communication, prevocational skill development, independent living, and environmental control.

John A. Coleman School
New York Foundling Hospital
1175 Third Avenue
New York, NY 10032
212/472-3322, ext. 629
The School uses computers daily with multiply handicapped children (ages 1-10) to achieve a variety of basic educational goals.

Sister Kenny Institute
800 E. 28th Street at Chicago Avenue
Minneapolis, MN 55407
612/874-4175
This organization uses computer programs to provide language and cognitive therapy to adults with neurologic injuries.

Living Systems/ITD
2160 S. Lamar
Oxford, Missisipi 38655
601/234-0158
Has a microcomputer laboratory equipped to evaluate and to develop hardware and software which will provide capability to disabled individuals.

Rehabilitation Institute of Ohio
Miami Valley Hospital
One Wyoming Street
Dayton, OH 45409
513/220-2063
The Institute uses computers to help brain injured individuals make maximum use of their abilities. Focus is on cognitive and linguistic retraining using microcomputers as therapeutic tools.

Yankton Area Adjustment Training Center
909 W. 23rd Street
Yankton, SD 57078
605/665-2518
Provides computer-assisted learning on the Apple IIe for area special education students. Focus includes job skills, job readiness skills, math skills, time and money skills, pedestrian safety, and motivation.

Technical Resource Center
1820 Richmond Road SW
Calgary, Alberta, Canada T2T 5C7
403/229-7875
Provides information and one-month loan of devices in the areas of adaptive toys, communication aids, daily living aids, inventory control and microcomputers. It offers assessment and consultation.

Sunny Hill Hospital for Children
3644 Slocan Street
Vancouver, British Columbia V5M 3E8
604/434-1331
Offers assessment and training of physically disabled children for access to microcomputers for education, recreation, and communication.

Valpar International Corporation
Box 5767
Tucson, AZ 85703
602/293-1510
Develops assessment equipment used by professionals for working with people with various disabilities. Offers vocational assessment using microcomputers.

Resources for Living Independently Center
4721 Pine Street
Philadelphia, PA 19143-1809
215/471-2265, 2266
215/471-2267 (TDD)
Provides computer training to disabled consumers as one of its services.

Pearson Society for Assessment and Computer Training
700 West 57th Avenue
Vancouver, BC CANADA V6P 1S1
604/321-3231
Three main objectives: provide assessment of aptitude and compatibility with computers, provide intensive training on the IBM-PC, and teach job search skills and provide employment assistance.

Orange County Department of Education
200 Kalmus Drive
Costa Mesa, CA 92626
714/966-4140
The Educational Technology/Special Schools' goal is to provide opportunities for students to learn how to become more independent in their present and future environments.

Electronic University
TeleLearning Systems, Inc.
505 Beach Street
San Francisco, CA 94133
415/928-2800
Offers home courses (including tutoring) on personal improvement, business and professional skills, and credit/degree programs via computers. Provides counseling, an electronic library and a seminar series.

Los Angeles Unified School District
15530 Hesby
Encino, CA 91436
818/997-2330
Provides microcomputer training to special education students. Computers are adapted to meet individual special needs. Emphasis is on vocational, recreational, and/or independent living skills.

Disabled Programmers, Inc.
P.O. Box 23118
San Jose, CA 95153
408/629-3700
DPI is an organization that trains disabled individuals to become computer programmers. DPI's Micro Applications Development Lab develops and designs adaptive devices.

BIPED Corporation (Business Information Processing Education for the Disabled)
26 Palmer's Hill Road
Stanford, CT 06902
203/324-3935
Teaches computer programming to physically disabled individuals at two different locations (Stanford, CT, and White Plains, NY). Courses available tuition free to disabled individuals.

LIFT, Inc.
350 Pfingsten
Suite 103
Northbrook, IL 60062
312/564-9005
Offers help and training in hiring handicapped individuals as computer programmers.

Project Cable
Carroll Center for the Blind
770 Centre Street
Newton, MA 02158-2597
617/969-6200
Provides computer assessment, computer training (on adaptive devices), and software, professional training, resources (on devices), and word processing for visually impaired high school students.

Association of Rehabilitation Programs in Data Processing
P.O. Box 2404
Gaithersburg, MD 20879
301/468-6142
Organization offering nationwide data processing training to disabled people.

Maryland Rehabilitation Center
2301 Argonne Drive
Baltimore, MD 21218
301/366-8800, ext. 231
Provides evaluation of computer applications best suited for enhancing a disabled person's vocation. Acts as a diagnostic resource center in setting disabled students' vocational goals.

Project Enhance
Minneapolis Public Schools Community Education
1006 W. Lake Street
Minneapolis, MN 55408
612/348-6799
Offers beginning computer programming and word processing classes for physically disabled adults as well as beginning computer classes for mentally retarded adults to reinforce academic skills and independent living skills.

Handicapped Access Center
Duluth Public Library
520 W. Superior Street
Duluth, MN 55802
218/723-3809
Trains disabled persons in the use of the Apple IIe. Applications include word processing, data base, AppleSoft Basic, Logo, etc. Product information on software, hardware, and adaptations is available.

L.D. College Writers Project
University of Minnesota
216 Pillsbury Drive SE
Minneapolis, MN 55455
612/376-1672
Provides training and practice in word processing to college-level learning disabled writers. Working papers on compiled research is distributed by mail at cost.

Federation of the Handicapped, Inc.
211 W. 14th Street
New York, NY 10011
212/242-9050
The Federation trains disabled individuals in word processing and general education.

Compute Able Network
P.O. Box 1706
Portland, OR 97207
503/644-2940
Assists individuals with various disabilities to adapt and utilize the rapid advances in computer technology.

STORER Computer Access Center
Cleveland Society for the Blind
1909 E. 101st Street
Cleveland, OH 44106
216/791-8118
Offers orientation, evaluation, training, engineering support and system rental to blind or visually impaired individuals. Goals are to expand access to educational and vocational opportunities through computer/print technology.

Variety Club
Warwick Hotel
17th and Locust Streets
Philadelphia, PA 19103
215/735-0803
This organization offers vocational and rehabilitation training on the use of microcomputers.

Texas State Technical Institute
Drafting and Design
TSTI Waco
Waco, TX 76705
817/799-3611, ext. 3200
TSTI offers a course in Computer Aided Drafting for physically handicapped students. The objective is to help students prepare for careers in drafting and industrial design.

C-CAD (Center for Computer Assistance to the Disabled)
2501 Avenue J
Suite 100
Arlington, TX 76001
817/640-6613
This is an organization that provides computer training and job placement for disabled persons.

Concepts for Independent Living
2203 Airport Way South
Suite 310
Seattle, WA 98134
206/343-0670
This organization is dedicated to developing and expanding opportunities for independent living for all disabled people.

Computers to Help People, Inc.
1221 W. Johnson Street
Madison, WI 53715
608/257-5917
Provides disabled people with vocational training in computer operation. Also sells software designed for physically disabled people.

Information on Adaptive Toys and Toy Modifications

The following pages contain information regarding adapted toys and toy modifications to allow single switch control. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Books and Pamphlets

Switching Mechanisms for Special Needs -- A Project Manual
William M. Lynn
$6.50
National Clearinghouse of Rehabilitation Materials
115 Old USDA Building
Oklahoma State University
Stillwater, OK 74078
405/624-7650
This project manual first explains how switches work by presenting basic electronics principles, and then provides step-by-step instructions for building several types of switches and accessories.

Play: Children's Business, A Guide to Play Materials
1974
Association for Childhood Education International
Washington, D.C.: Association for Childhood Education

Homemade Battery Powered Toys and Educational Devices for Severely Handicapped Children
1980
Linda J. Burkhardt
8503 Rhode Island Avenue
College Park, MD 20740

More Homemade Battery Devices for Severely Handicapped Children with Suggested Activities
1982
Linda J. Burkhardt
8503 Rhode Island Avenue
College Park, MD 20740

Homemade Switches and Toy Adaptations for Early Training with Nonspeaking Persons
1984
William B. Coker, Jr.
Cincinnati Center for Developmental Disabilities
3300 Elland Avenue
Cincinnati, OH 45229
LSHSS 15, 1, pp.32-35. (Reprints)

Toys and Games for Educationally Handicapped Children
1969
Buist, Charlotte & Schulman, Jayne
Springfield, IL: Thomas Publishing

Technology for Independent Living Sourcebook
Alexandra Enders (ed.)
1984
RESNA
1101 Connecticut Avenue
Suite 700
Washington, DC 20036
202/857-1199
This book contains a comprehensive listing of associations, toy libraries in each state, and manufacturers and distributors of special toys.

Guidelines for Adapting Toys for the Physically Handicapped
Jayne Higgins
1982
California Avenue School
215 West California Avenue
Vista, CA

Touch Toys and How to Make Them
1984
$3.00 + .60 for postage
Touch Toys
P.O. Box 2224
Rockville, MD 20852
This is an instruction book on how to make over 100 toys for the blind. Checks payable to: Touch Toy.

Toy Modification Note: Build-it-Yourself-Battery-Insert
G.C. Vanderheiden
1982
Trace Center
1500 Highland Avenue
S-151 Waisman Center
Madison, WI 53705
608/262-6966

Strategies for Helping Severely and Multiply Handicapped Citizens
Whethered, J. Greer, R. Anderson, and S. Odle (eds.)
1982
University Park Press
Baltimore, MD

From Toys to Computers: Access for the Physically Disabled Child
C. Wright and M. Nomura
1985
$17.00 (4th class), $20.00 (1st class) Plus $1.11 outside U.S.
Christine Wright
P.O. Box 700242
San Jose, CA 95170

Associations and Organizations

LEKOTEK
613 Dempster
Evanston, IL 60201
312/328-0001
A non-profit resource center with specialized play materials, therapy equipment, and books for loan.

ACTIVE
Play Matter/NTLA
Seabrook House
Darkes Lane
Potters Bar, Herts, ENGLAND EN6 2HL

USA Toy Library Association (USA-TLA)
Judith Iacuzzi, Exec. Director
1800 Pickwick Avenue
Glenview, IL 60025
312/724-7700
Toy library, information on adaptive toys, newsletter.

Catalogs

Compu-Robot
$34.95
Comp Tech Systems Design
P.O. Box 516
Hastings, MN 55033
An audio-controlled robot. Easy-to-use, programmable, remembers up to 48 commands, 3 speed, right and left turn, u-turn, pause. Uses 4 AA-batteries.

Arroyo & Associates
88-45 79th Avenue
Glendale, NY 11385
718/849-9306

Automated Therapy Systems
Harding and Harris
P.O. Box 1599
Orem, UT 84057

"Active Simulation Program"
Dr. Edmond Zuromski
Handicapped Children's Technological Services. Inc.
P.O. Box 7
Foster, RI 02825
401/397-7666
"Active Simulation Program" offer a series of technical newsletters and an equipment development manual; markets his products commercially.

"Special Populations Catalogue"
Flaghouse, Inc.
18 W. 18th Street
New York, NY 10011
212/989-9700

Behavioraids
Social Technology Product
1210 Alameda Drive
Tempe, AZ 85282

Kaye's Kids
1010 E. Pettigrew Street
Durham, NC 27701-4299
919/683-1051

A Declaration of Independence
Adaptive Aids
P.O. Box 13178
Tucson, AZ 85732

Toys for Special Children
Steven Kanor, Ph.D
101 Lefurgy Avenue
Hastings on Hudson, NY 10706

Zygo Industries, Inc.
P.O. Box 1008
Portland, OR 97297-1008
503/297-1725

Handicapped Children's Technological Services, Inc.
P.O. Box 7
Foster, RI 02825

The Able Child
325 Will Street
New York, NY 10014

Selected Information Resources for Deaf and Hearing Impaired Individuals

The following list contains information on information resources for the deaf or hearing impaired: books and printed materials, organizations, newsletters and periodicals, and companies. Check the Additional Resources and Newsletters resource lists for further information. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Books and Other Printed Materials

A Catalog of Captioned Educational Videotapes
National Technical Institute for the Deaf (NTID)
Rochester Institute of Technology
Division of Public Affairs, Department V
One Lomb Memorial Drive
P.O. Box 9887
Rochester, NY 14623-0887
716/475-6400

College and Career Programs for Deaf Students
$5.00 (1 to 4 copies)
Gallaudet College
Center for Assessment and Demographic Studies
Kendall Green
Washington, DC 20002
A guide to evaluating college programs, and information on more than 130 programs, including available support services.

Organizations

Foundation for Communication for the Disabled
31 Southampton Row
London, ENGLAND WC1B 5HJ
01-405-1019

National Technical Institute for the Deaf (NITD)
Rochester Institute of Technology
Division of Public Affairs, Department V
One Lomb Memorial Drive
P.O. Box 9887
Rochester, NY 14623-0887
716/475-6400
The world's largest technical college for deaf students, offering the opportunity for deaf students to go to college in a hearing environment to facilitate transition to a hearing society (15,000 hearing students; 1,250 college-age deaf students). Funded by the U.S. Department of Education.

National Association of the Deaf
814 Thayer Ave.
Silver Spring, MD 20910
301/587-1788 (voice and TDD)

Kelston School for Deaf Children
Private Bag
New Lynn
Auckland
Australia 874-859
Uses computer technology to aid language development for hearing impaired students. Provides courses in commercial applications for teenage and adult deaf students as well as parents, and acts as a resource center.

Alexander Graham Bell Association for the Deaf
3417 Volta Place NW
Washington, DC 20007
202/337-5220
National organization offering support services to deaf individuals.

National Information Center on Deafness
Gallaudet College
800 Florida Avenue
Washington, DC 20002
202/651-5109
Provides either direct information or appropriate references to deaf or hearing impaired individuals. The center also publishes brief bibliographies and narrative fact sheets on requested topics free of charge.

Newsletters and Other Periodicals

The Voice
2939 Hollandale
Dallas, TX 75234
214/349-3271 (voice or TDD)
Bimonthly publication. Information for hearing impaired people on adaptive devices and computer access equipment selection.

Shhh (Self-Help for Hard of Hearing People)
7800 Wisconsin Avenue
Bethesda, MD 20814
301/657-2248 (voice)
301/657-2249 (TTY)
Bimonthly. A journal about hearing loss.

American Annals of the Deaf
P.O. Box 2605
Columbia, MD 21045
301/461-7400
Journal for professionals working with deaf and hearing impaired individuals.

Hearing Instruments
P.O. Box 6079
Duluth, MN 55806

Newsounds
Alexander Graham Bell Association for the Deaf
3417 Volta Place NW
Washington, DC 20007
202/337-5220
Newsounds is a newsletter for deaf and hearing impaired individuals that is published alternately with the Volta Review (see below). It contains information on conferences concerning microcomputers.

Volta Review
Alexander Graham Bell Association for the Deaf
3417 Volta Place NW
Washington, DC 20007
202/337-5220
This journal for hearing impaired people reports on a variety of technology-related topics and issues.

Companies

American Communications Corporation
180 Roberts Street
East Hartford, CT 06108
203/289-3491
Am-Com I, LUV 1.

Garid
9817 Valley View Road
Eden Prairie, MN 55344
612/941-5464
800/328-4827, ext. 1400

Breakthrough Trust Communication Centre
5 Moreland Court
Moreland Street
Nottingham, ENGLAND NG2 3GS

The Deaf Factory Store
5010 Branchville Road
College Park, MD 20740
301/772-1565
301/722-2493 TDD
Products include computer and TDD software.

Krown Research, Inc.
6300 Arizona Circle
Los Angeles, CA 90045
213/641-4306 (Voice/TDD)

Palmetto Technologies
P.O. Box 498
Duncan, SC 29334
803/439-4309 (Voice or TDD)

Specialized Systems, Inc.
11339 Sorrento Valley Road
San Diego, CA 92121
714/455-9000
714/481-6060

3M Company
Business Communication Products Division
220-9W 3M Center
St. Paul, MN 55144
612/733-1852

Ultratec, Inc.
6442 Normandy Lane
Madison, WI 53719
608/273-0707
Products include computer interface.

Selected Information Resources for Blind and Visually Impaired Individuals

This list contains useful sources of information (books and publications, newsletters/periodicals, organizations and companies) for blind and visually impaired computer users. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Books and Publications

Touch Toys and How to Make Them
1984
$3.00 + .60 for postage
Touch Toys
P.O. Box 2224
Rockville, MD 20852
This is an instruction book on how to make over 100 toys for the blind. Checks payable to: Touch Toy.

Computer Equipment and Aids for the Blind and Visually Impaired
Computer Center for the Visually Impaired
Baruch College
17 Lexington Avenue
Box 515
New York, NY 10010
The result of eight years' experience educating blind and visually impaired students in computer technology, the book lists hardware, software, peripherals, researchers, training, and demonstration centers, products in development, and a checklist of technical considerations and advice on how to select equipment appropriate to specific needs.

The Future of Work for Disabled People: Employment and the New Technology
$10.00 print or cassette
Publications and Information Services
American Foundation for the Blind
15 West 16th Street
New York, NY 10011
A compilation of papers presented at the May, 1985 symposium of the same name, cosponsored by AFB and the President's Committee on Employment of the Handicapped.

The Ultimate Guide
$16.95 braille and cassette, $19.95 print
National Braille Press
88 S. Stephen Street
Boston, MA 02115
Assists in selecting peripherals for blind computer users: modems, braille printers, inkprint printers, speech synthesizers, paperless braille devices, odds and ends.

The Resource Manual, 2nd Edition
Project CABLE
(Computer Access for the Blind in Education and Employment
$25.00
The Carroll Center for the Blind
Project CABLE
770 Centre Street
Newton, MA 02159
This manual includes curriculum, evaluation forms, lesson plans and resources to assist in setting up or running a program. Other topics covered include funding and staffing.

An Evaluation of IBM PC Access Systems for the Blind and Visually Impaired
C-TEC
IBM PC Access Evaluation
Sensory Aids Foundation
399 Sherman Avenue, Suite 12
Palo Alto, CA 94306
415/493-5000
415-229-0430

How Can We Compute?
Kathe Nolan
$14.95
VTEK
1625 Olympic Blvd.
Santa Monica, CA 90404
800/345-2256
(CA)800/521-5605
Canada, Alaska 213/452-5966
Cassette recordings of eight half-hour radio segments on the subject of computer access & adaptive devices for blind & visually impaired people. The series is directed toward the beginning, elementary-level computer user & will cover basic principles of computer use. Moderated by Jerry Kuns, program director of C-T C (Computer Training and Evaluation Center).

The First and Second Beginner's Guides to Personal Computers for the Blind and Visually Impaired
The National Braille Press
88 South Stephen Street
Boston, MA 02115
617/266-6160
The basic concepts, and reviews of popular systems by blind users. The second Guide is a continuation, not a replacement of the first.

Newsletters and Other Periodicals

Dialogue
Dialogue Publications
3100 Oak Park Avenue
Berwyn, IL 60402
312/749-1908
This publication, available in Braille, large print, cassette, or recorded disk carries columns that highlight computer and access technology for blind and visually impaired persons.

BAUD
Audio-Tech Laboratories
1158 Stewart Avenue
Bethpage, NY 11714
516/433-0171
Bimonthly; This cassette newsletter contains information on associated access devices for microcomputers for blind users. A free classified section allows contributors to list their services and products for sale.

Visualtek Newsletter
Visualtek, Inc.
1610 26th Street
Santa Monica, CA 90404
213/829-6841

Journal of Visual Impairment and Blindness
Circulation Manager
JVIB
15 West 16th Street
New York, NY 10011
Monthly, Sept-June; Research reviews, applications, and articles on special topics.

The Communicator
Route 4, Box 26
Hicksville, VA 24343
703/766-3869
A bimonthly newsletter designed to provide information to teachers of the visually handicapped. Emphasis is on advances in technology and how they are being used. Includes teaching hints, software reviews, user comments, and suggestions. Available in large or regular print or on tape

Computer Assisted Learning for the Visually Handicapped
Research Center for the Education of the Visually Handicapped
Selly Wick House
59 Selly Wick Road
Birmingham ENGLAND B29 7JE
021-471-1303

Raised Dot Computing Newsletter
David Holladay/Caryn Navy
408 South Baldwin Street
Madison, WI 53703
608/257-9595 general
608/257-8833 technical
Monthly; explores microcomputer applications for the visually impaired.

Microcomputer News for Teachers of Blind Students
Catherine Mack
Florida School for the Bind
207 St. Augustine
St. Augustine, FL 32084
904/824-1654

Talking Book and Braille Book Review
Library of Congress
Washington, DC 20542
Contains descriptions of books newly printed in Braille and a list of Braille magazines. Talking Book Topics is published bimonthly and distributed free to blind and physically impaired individuals.

Library of Congress
National Library Service for the Blind and Physically Handicapped
1291 Taylor Street
Washington, DC 20542
202/287-9281
Bimonthly. Free to the blind.

Aids and Appliances Review
Carroll Centre for the Blind
770 Centre Street
Newton, MA 02158
617/979-6200
Quarterly; a comprehensive review of aids for the blind. Issues 9 and 10 covered voice output computer aids; Issue 11 covered braille oriented computer aids.

Softyme
P.O. Box 299
Newport, RI 02840
A bimonthly magazine on Apple disks. Most of its programs are usable with the Echo II speech synthesizer.

Softdisk Magazette
P.O. Box 30008
Shreveport, LA 71130
318/868-7247
A magazine on Apple disks; features articles and programs, most usable with the Echo II speech synthesizer.

Apple Talk
Jeff Weiss
$10.00/year
3015 South Tyler Street
Little Rock, AR 72204
A quarterly magazine, available on disk, for computer users with speech synthesizers.

SENSUS
Sensory Aids Foundation
399 Sherman Avenue, Suite 12
Palo Alto, CA 94306
415/329-0430
Quarterly newsletter with information regarding technology and vision impairment. Spring, 1986 issue of SENSUS dealt with accessible educational software blind and partially sighted people.

Technology Update
Sensory Aids Foundation
399 Sherman Avenue, Suite 12
Palo Alto, CA 94306
415/329-0430
Newsletter with information regarding technology and vision impairment.

The Visual Field
Florida Instructional Materials Center
5002 North Lois Avenue
Tampa, FL 33614
Quarterly newsletter on products, projects, conferences, etc.

AFB News
American Foundation for the Blind
15 West 16th Street
New York, NY 10011
212/620-2020
Monthly publication. Information on the field of blindness and low vision.

Journal of Visual Impairment and Blindness
American Federation for the Blind
15 West 16th Street
New York, NY 10011
212/620-2020
Monthly September-June

Organizations

Sherry Lowry
Speech Enterprises
P.O. Box 7986
Houston, TX 77270
713/461-1666
Distributes and develops large print and voice output software for other products. Special Apple Speech - Large Print Resource List is available for $10.00. Catalog of products available for $3.00 print, $5.00 disk, and $7.50 Braille.

American Printing House for the Blind
P.O. Box 6085
Louisville, KY 40206
502/895-2405
Producers of software for visually handicapped children below college level. APH also published User Manuals in Braille for Apple computers.

Braille Institute
741 No. Vermont Avenue
Los Angeles, CA 90029
213/663-1111
This organization acts as a technological resource center for both visually and physically handicapped individuals.

Braille Board
Nick Dotson
904/433-5325
A computer bulletin board oriented toward blind computer users.

Home Study Computer Literacy Course
Hadley School for the Blind
700 Elm Street
Winnetka, IL 60093
800/323-4238
(In Illinois, 312/446-8111)

C-TEC (Computer Training and Evaluation Center)
Sensory Aids Foundation
399 Sherman Avenue, Suite 12
Palo Alto, CA 94306
415/329-0430
Teaches blind and visually impaired persons to use computer access devices. Provides a center for equipment, resource lists, purchasing guidelines and evaluations of specialized hardware and software.

Sensory Assistance Center
Department of Justice
10th and Constitution, NW
Washington, DC 20530
202/633-5104
This organization is a service and training center for blind and vision-impaired federal employees. Services include training in the use of computers and demonstrations of new and existing devices.

National Association of Blind and Visually Impaired Computer Users
P.O. Box 1352
Roseville, CA 95661-1352
916/786-3923 (modem)
916/783-0364 (voice)
A nonprofit, charitable corporation with the purpose of gathering and sharing useful information for blind and visually impaired computer users, and providing a mechanism for ongoing exchange of data between manufacturers, self-help groups, interested parties, and the blind community. Runs CompuHelp database and bulletin board. (See Networks, Bulletin Boards and Databases.)

National Technology Center
John DeWitt, Evaluation Coordinator
American Foundation for the Blind
15 West 16th Street
New York, NY 10011
212/620-2051
Evaluates products; user network; database information. A resource for blind and visually impaired persons and involved professionals.

The Carroll Center for the Blind
770 Center Street
Newton, MA 02158
617/969-6200
Various publications; computer training (Project Cable) and other educational programs.

Computer Users of America
Duane Fischer
5028 Merit Drive
Flint, MI 48506
313/736-3774

4 Sights Network
National Information System for the Visually Impaired
16625 Grand River
Detroit, MI 48227
313/272-3900

Joe Giovanelli
Audio-Tech Laboratories
1158 Stewart Avenue
Bethpage, NY 11714
516/433-0171

Blind Apple Users Group
Helen Keller National Center
111 Middleneck Road
Sands Point, NY 11050
516/944-8900

Harvey Lauer
Blind Rehabilitation Technology Specialist
Blind Center
124 Veterans Hospital
Hines, IL 60141
312/343-7959
Information on various types of computer aids and their application.

Low Vision Services & Aids for the 80's
American Foundation for the Blind
15 West 16th Street
New York, NY 10011
Pamphlets, literature, services for blind.

Information on Blind Access
National Association for the Visually Handicapped
22 West 21st Street
New York, NY 10010
212/889-3141
Also a San Francisco office.

National Braille Press, Inc.
88 S. Stephen Street
Boston, MA 02115
617/266-6160
Beginner's guide to personal computers, many printer and modem manuals transcribed in Braille.

National Federation for the Blind
Committee on Evaluation of Technology
1800 Johnston Street
Baltimore, MD 21230
301/659-9314

Sensory Aids Foundation
399 Sherman Avenue Suite 12
Palo Alto, CA 94302
415/329-0430

Smith-Kettlewell Institute of Visual Science
Rehabilitation Engineering Center
2200 Webster Street
San Francisco, CA 94115
415/563-2323

Volunteer Braillists, Inc.
5930 Old Sauk Road
Madison, WI 53705
Will transcribe papers, books, etc. into Braille.

Additional Information Resources

This resource list provides information on additional books, pamphlets and organizations of general interest to disabled persons and those working with them. No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Selected Books and Pamphlets

HEATH Resource Center
(Health Education and the Handicapped Center)
National Clearinghouse on Post-Secondary Education for Handicapped Individuals
1 Dupont Circle NW
Washington, DC 20036
202/939-9320
800/54-HEATH
Disseminates information about educational support services, policies, procedures, adaptations, and opportunities for disabled students. Prepares and disseminates the HEATH Resource Directory and a newsletter three times a year.

Computer Technology for the Handicapped: Applications '85
Selected Proceedings of the 1985 Closing the Gap Conference
Grogan, Michael
1986
$19.95
Computer Technology for the Handicapped. The Proceedings of the 1984 Closing the Gap Conference
Grogan, M. and Hagen, D.
1985
$17.95
These proceedings of the CTG Conference presentations provide information on application of computers for disabled persons.

Compilation of Clinical Software for Aphasic Rehabilitation and Cognitive Retraining.
Brubaker, Susan Howell, and Rolnick, Michael I.
1984
$69.95
This compilation provides descriptions of software programs and their characteristics for use in microcomputer-assisted aphasia rehabilitation and cognitive retraining.

Ten Keys
$198.00 (starter issue); $125.00 (renewal, supplements)
Aids Unlimited, Inc.
1101 North Calvert Street
Suite 405
Baltimore MD 21202
301/659-0232
Set of notebooks with tabs, separated into five sections including information on assistive devices, information on implementation of 504, court decisions, books, publications, services and funding. Starter issue (containing all previous supplements) and 11 monthly supplements, $198.00. Renewal, 12 supplements, $125.00 year.

Publications from NARIC
NARIC
4407 Eighth Street NE
The Catholic University of America
Washington, DC 20017
202/635-5826 (voice/TDD)
800/34-NARIC (voice/TDD) (information line)
Periodical List: A Guide to Disability-Related Journals and Newsletters; The Author's Handbook: A Guide to Professional Journals in Rehabilitation: Resource Directory: A State Guide to Disability-Related Information; Computer Access and Applications for Career Counseling with Vocational Rehabilitation Clients; Computers in Vocational Rehabilitation: Current Trends and Future Applications; Low Cost Approaches to Technology and Disability; Use of Computers in Expanding the Employment Opportunities for Persons with Disabilities

Quick Guide to Resources in Special Education Technology
Bob Reid and Diane Herera Shepard
Sector Project
Utah State Office of Education
Special Education Section
Developmental Center for Handicapped Persons
Utah State University
Logan, UT

Special Education Applications for PowerPad
Dunamis, Inc.
2856 Buford Highway
Duluth, GA 30136
404/476-4934

A Study of Communication Aid Research, Prescription, and Commercialization in the United Kingdom and the Netherlands.
Richard A. Foulds
$1.50
World Rehabilitation Fund, Inc.
400 East 34th Street
New York, NY 10016
Attn: Diane Wood, Project Director
Includes service delivery models, aid demonstration centers, available communication aids, and microcomputer-based communication.

Communication Interaction Between Aided and Natural Speakers: A State-of-the-Art Report
Arlene W. Kraat
$10.95
Trace Research and Development Center
S-151 Waisman Center
1500 Highland Avenue
Madison, WI 53705
608/262-6966
A compilation of published and unpublished research, clinical observations and perspectives of aid users. Sponsored by IPCAS: The International Project on Communication Aids for the Speech Impaired

Used Equipment Marketplace: A Strategy for Cutting Equipment Costs
$9.00
Metropolitan Center for Independent Living
1821 University
Suite N350
St. Paul, MN 55104
612/646-8342 (voice)
612/646-6048 (TDD)

Recognizing and Enhancing the Communication Skills of Your Group Home Clients
Beverly Vicker
1985
Development Training Center
Attn: DTC Library
2853 East Tenth Street
Bloomington, IN 47405
812/335-6508

Computer Technology and Persons with Disabilities Proceedings
1985
$12.95
Office of Disabled Student Services
California State University, Northridge
18111 Nordhoff Street
Northridge, CA 91330
Focuses on 27 of the presentations at the conference of the same name, held in October 1985.

Speech Systems for Your Microcomputer
Gary Shade
Wayne Green Publications Group
Route 101
Peterborough, NY 03458
Voice input and output systems for the handicapped; low cost to complex; evaluation criteria.

Computers, Education, and Special Needs
E. Paul Goldenberg et al.
1984
$14.95
This book provides a practical introduction to the use of the computer as a tool for special needs education as it relates to communication, access and motivation. Case studies and a guide for implementation are included.

Technology for Independent Living Sourcebook
Alexandra Enders, OTR (Editor)
1984
$25.00
RESNA
1101 Connecticut Avenue NW
Suite 700
Washington DC 20036
202/857-1199
This Sourcebook provides an exhaustive listing of resources for individuals with disabilities and the professionals working with them. It also contains helpful brief articles explaining major concepts, philosophies, and technical information of relevance to the areas covered.

Features of Commercially Available Communication Aids
A. Kraat and M. Silver
Prentke Romich Company
1022 Heyl Road
Wooster OH 44691
216/262-1984
This chart visually displays functions of most of the major commercially available aids; many are useful for computer access. Non-PRC aids are included.

Access to Computers for the Physically Handicapped
Publication ACPH-4 2/84
1984
No charge for single copy
Prentke Romich
1022 Heyl Road
Wooster OH 44691
216/262-1984
This product brochure attempts to promote a greater awareness of computer-related PRC products, which provide access to computers for disabled people.

Guidelines for the Design of Computers and Information Processing Systems to Increase Their Access by Persons With Disabilities
Gregg C. Vanderheiden and Charles C. Lee (Coordinators)
1986
Trace R&D Center
$7.40
These Guidelines are a result of industry/government/researcher/consumer cooperative effort to study the design of computers and develop recommendations for modifications to make them more accessible. The particular focus of these Guidelines is the ability for disabled persons to use standard computers and software. The Guidelines are continually revised based upon the work of the committee. Anyone may participate by securing a copy of the Guidelines, reviewing them, and sending in comments.

Personal Computers and the Disabled--A Resource Guide
No charge for a single copy
Apple Computer
20525 Mariani Avenue
Cupertino CA 95014
408/996-1010
Telex 171-576

I'm Handicapped! How Can I Use Computers?
The Handicapped's Source
J.A. Preston Corporation
60 Page Road
Clifton NJ 07012
201/777-2700
This pamphlet gives an introduction to the basic parts of a computer and how it can be used by disabled individuals.

Guide to Learning: Resources for Users of IBM Personal Computers
1984
Available from IBM, 1984.

Personal Computers and Special Needs
Frank G. Bowe
1984
Sybex, Inc.
2344 6th Street
Berkeley CA 94710
800/227-2346
This book shows how computers can be used by individuals with different disabilities, in part by sharing the stories of people who are using computers now.

Personal Computers and the Disabled
Peter A. McWilliams
1984
Quantum Press
Doubleday and Company, Inc.
Garden City NY
This book gives an introduction and overview of the computer and its potential applications for disabled individuals. Includes comprehensive resource listings of associations, federal government agencies, state agencies, etc.

Handbook of Microcomputers in Special Education
Michael M. Berhmann
1984
College Hill Press
4284 41st Street
San Diego CA 92105
This book provides an overview of computer applications in special education in a way that generates enthusiasm and decreases the fear of using computers.

Handbook of Microcomputer Applications in Communication Disorders
Arthur H. Schwartz
College-Hill Press
4284 41st Street
San Diego CA 92105
This book focuses on the understanding and application of the computer by agencies, clinics, and clinicians. Included are evaluation measures for hardware and software, steps in implementation, and possible funding strategies.

Learning Disabled Students and Computers: A Teacher's Guidebook
ICCE (International Council for Computers in Education)
University of Oregon
1787 Agate Street
Eugene, OR 97403

Microcomputer Resource Book for Special Education
Dolores Hagen
1984
Prentice-Hall, Inc.
200 Old Tappan Road
Old Tappan JH 07675
800/336-0338
This book gives an overview of current applications for individuals with disabilities.

IBM Special Education Resources Guide to Adaptive Devices, Software, and Services for Special Education, Vocational Rehabilitation and Employers
National Support Center for Persons with Disabilities
P.O. Box 2150
Atlanta GA 30055
404/238-3206
A listing of resources related to microcomputer use by persons with disabilities.

Computer Technology for the Handicapped in Special Education and Rehabilitation: Resource Guide I and II
ICCE (International Council for Computers in Education)
University of Oregon
1787 Agate Street
Eugene OR 97403

Software Selection, Evaluation and Organization
ICCE (International Council for Computers in Education)
University of Oregon
1787 Agate Street
Eugene, OR 97403

Interactive Video in Special and General Ed: A Development Manual
ICCE (International Council for Computers in Education)
University of Oregon
1787 Agate Street
Eugene, OR 97403

Indiana Assistive Device Resource Directory
Instructional Materials Center
Indiana Department of Education
Box 100, Butler University
Indianapolis IN 46208
317/927-0219
Directory to help Indiana service providers match those needing assistance to people and product sources. Resource/contact persons for non-vocal communication in Indiana and a listing of the equipment they have are included.

Tell 'em Ware
$10.00 (ASCII text files on Apple DOS 3.3 disk)
1714 Olson Way
Marshalltown IA 50158
Over 200 addresses of sources useful in application of Apple computers with special education students; e.g. suppliers of Apple compatible parts and accessories, suppliers of software for the handicapped, organizations and individuals with further information, collections of public domain educational software.

Computer Use in Cognitive Retraining
1984
$1.25
National Head Injury Foundation
P.O. Box 567
Framington MA 01701
617/879-7473
Includes an overview and considerations for determining appropriate use of computer technology in cognitive retraining; a bibliography with information on software, computer adaptations, articles, resources.

Microcomputer Applications for Speech-Language Services in Schools
Jana Sanders, M.A.

Everybody's Technology: A Sharing of Ideas in Augmentative Communication
Charles Goris-Monis
Charlescoms Env.
P.O. Box 419
Jean Talan Station
Montreal, Quebec H1S 2Z3

Programming Equity into Computer Education
$9.95
Project on Equal Education Rights
1413 K Street
Washington, DC 20005
A kit to evaluate the accessibility of computer resources to disabled students, girls, minorities and low-income students.

Proceedings of the National Conference on Microcomputers in Special Education
Hartford, Connecticut March 1983
CEC 5512
1920 Association Drive
Reston, VA 22901

Microcomputers in Special Education: An Introduction to Instructional Applications
Budoff, Milton Thormann
1985
$19.95
This book introduces special education teachers and administrators to microcomputers and how they can be used in special education settings.

Computer Technology for the Handicapped in Special Education and Rehabilitation
ICCE - International Council for Computers in Education
University of Oregon
1787 Agate Street
Eugene, OR 97403

Careers, Computers, and the Handicapped
Michael Bender, Nancy Pin-Milburn, Lee Richmond
Pro-Ed

Organizations

Education Turnkey Institute
256 N. Washington Street
Falls Church, VA 22046
703/536-2310
Provides information services and training on technology use in special education. Also conducts surveys of state and local education associations for publishers and developers.

Computer Users in Speech and Hearing (CUSH)
School of Speech and Hearing Sciences
Ohio University
Athens, OH 45701
614/594-6168
CUSH is an organization of speech pathologists and audiologists involved in the application of computer technology in the communication sciences. Information is exchanged through journals and a software lending library.

SEDL/Regional Rehabilitation Exchange
211 E. 7th Street
Austin, TX 78701
512/476-6861
This project identifies exemplary practices and programs. The core area is "High Technology Applications in the Vocational Rehabilitation Process." Technical assistance in this area is provided.

Fairfax County Public Schools
10310 Layton Hall Drive
Fairfax, VA 22030
703/691-2186
Resource center for technology for handicapped students in public schools. Have explored computer applications in the following areas: computer literacy, CAI, communication assistance and vocational training.

East Range Developmental Achievement
800 A Avenue
Eveleth, MN 55734
218/744-5130
An exchange network for information on the use of microcomputers by persons with developmental disabilities.

Data Referral Network
Mobility Special Services, Inc.
190 Sumner Street
Boston, MA 02062
617/891-8858
Data Referral Network provides "one-stop shopping" for disabled individuals. (New York residents must call: 800/962-1480, ext. 333)

Governor's Advocacy Council for Persons with Disabilities
1318 Dale Street
Suite 100
Raleigh, NC 27605
919/733-9250
This organization is a resource center for disabled persons in North Carolina.

Massachusetts Rehabilitation Commission Library
Room 331
20 Park Plaza
Boston, MA 02116
617/727-1140 (voice and TDD)
This library is dedicated exclusively to literature about disabled people. Information about computers and adaptive devices is available free of charge to handicapped people.

First Dibs
Disability Information Brokerage System
P.O. Box 1285
Tucson, AZ 85702-12
602/791-4393
A resource sharing network that provides a wide range of resources including information on new technological developments regarding computers as well as augmentative communication and rehabilitation devices.

National Center for Health Statistics
3700 East-West Highway
Hyattsville, MD 20782
301/436-8500

Easter Seal Children's Center
3161 Maple Drive, NE
Atlanta, GA 30305
404/261-6262
Offers advice and training for computer use with pre-school handicapped children. Includes diagnostic services for students regarding computers, peripherals and appropriate software.

Blissymbolics Communication Institute
350 Rumsey Road
Toronto, Ontario, Canada M4G 1R8
416/424-3805
Support and educational group involved in the design of computer programs using Blissymbols. Resource center for the use of Blissymbols. Distribute programs using Blissymbols for augmentative communication.

Bureau of Education for Exceptional Students
Florida Bureau of Education for Exceptional Students
Knott Building
Tallahassee, FL 32301
904/488-4245
State Education Agency providing hands-on training for microcomputer use to teachers and students. Acts as a resource center for anyone wanting information regarding technology and students with disabilities.

Access/Abilities
P.O. Box 458
Mill Valley, CA 94942
415/388-3250
Access/Abilities maintains a data base of resources for physically impaired individuals. The data base contains information on services, aids, and adaptive devices. The data is not yet electronically accessible.

Connecticut Special Education Resource Center
Hartford Graduate Center
275 Windsor Street
Hartford, CA 06120
203/246-8514
Offers inservice training on microcomputer use in special education. Acts as a resource center for computer software, professional books, tests, and instructional materials. Runs an annual summer conference.

ABLENET
Cerebral Palsy Center
Griggs-Midway Building
1821 University Avenue
St. Paul, MN 55104
612/331-5958
ABLENET provides information on technological devices and support services for children and adults with severe or profound disabilities.

National Organization on Disability (NOD)
2100 Pennsylvania Avenue NW
Suite 234
Washington, DC 20037
202/293-5968
202/293-5968 (TDD)
NOD offers information and referral services to all handicapped individuals. The organization is community-based and supports a national network of disabled people working together for change.

NIRE (National Institute for Rehabilitation Engineering)
97 Decker Road
Butler, NJ 07405
201/838-2500
This organization is an information and referral center for disabled persons seeking rehabilitation with the help of technology.

Job Accommodation Network (JAN)
Box 468
Morgantown, WV 26505
800/526-7234
A service of the President's Committee on Employment of the Handicapped, operated by NIHR (National Institute of Handicapped Research) and RSA (Rehabilitation Services Administration). Provides a free information system for employers regarding job modifications and accommodations. Includes equipment modifications, site modifications, and redesign of job functions to suit functional limitations.

ERIC Clearinghouse on Handicapped and Gifted Children
The Council for Exceptional Children (CEC)
1920 Association Drive
Reston, VA 22091
703/620-3660
Disabled or gifted children; produces one database, ECER (research and related literature), and offers searches of the ERIC database; publishes fact sheets and brief bibliographies on topics of current interest; responds to information requests.

SECTOR Project
Kim Allard, Director
UMC 68
Utah State University
Logan, UT 84322
801/753-7973

Center for Multisensory Learning
Linda De Lucchi
Lawrence Hall of Science
University of California
Berkeley, CA 94720
415/642-8941

FDLRS/EAST
Eileen Pracek, Director
1450 Martin Blvd.
Merritt Island, FL 32952
305/631-1921

Association for Retarded Citizens (ARC) of the US
Bioengineering Program
P.O. Box 6109
2501 Avenue J
Arlington, TX 76006
817/640-0204
Technology for mentally retarded persons. Adapts currently available assistive devices for use by retarded persons; develops new assistive devices when needed; consolidates information on the use of technical aids into technology resource library.

Computer Options
85 Market Street
Poughkeepsie, NY 12601
914/471-2765
Workshops, service and consultation to schools, facilities and individuals interested in using computers with handicapped children. Quarterly newsletter (free) with new products, unique applications, and more. Also has Educational Software Catalog (free) – 500 titles by subject area.

National Clearinghouse of Rehabilitation Training Materials (NCRTM)
Oklahoma State University
115 Old USDA Building
Stillwater, OK 74078
Provides information on rehabilitation with primary emphasis on training materials for use by educators or disabled persons or counselors. Publishes the NCHRTM Memo (quarterly) to help disseminate information.

Stout Vocational Rehabilitation Institute
Materials Development Center (MDC)
University of Wisconsin-Stout
Menomonie, WI 54751
715/232-1342
Vocational evaluation and work adjustment; collects, develops, and disseminates information and materials on vocational evaluation and work adjustment, including the use of technology.

National Information Center on Deafness
Gallaudet College
800 Florida Avenue NE
Washington, DC 20002
202/651-5109 (voice/TDD)
Deafness and hearing loss: centralized source of information on deafness; responds to inquiries from parents, professionals, and deaf individuals; disseminates fact sheets, resource listings, and other materials.

Tech-Tapes
Susan Elting
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091
8000/345-TECH
Series of taped messages on special education technology. Tapes are available 6 PM to 1 PM Monday-Friday. Staff will answer and handle requests from 1 PM to 6 PM.

NEISS
New England Institute of Sensory Science
71 Pleasant Street
Worcester, MA 01609
617/791-4303
Information center on technology for people with hearing, visual, balance and touch disabilities. Also provides information on organizations and special services for people with sensory disabilities.

HELPLINE
Pracon, Inc.
10390 Democracy Lane
Fairfax, VA 22030
Prepares lists of assistive devices. Checklists distributed primarily to physicians' offices to be given to patients as needed. Lists are sent in response to the checklists received, with occasional further searches for special products. Free of charge, funded by Merck, Sharp, & Dohme.

Mill Neck Foundation, Inc.
P.O. Box 100
Mill Neck, NY 11765
Telecommunication van designed as a mobile learning lab and demonstration unit for TDDs. Travels in an interstate area in the northeastern region.

Kinsmen Rehabilitation Foundation of British Columbia
2256 West 12th Avenue
Vancouver, British Columbia V6K 2N5
Information center on resources for persons with disabilities. KRIS database, soon to be available, will include information on technology, organizations and other resources.

C-CAD (Center for Computer Assistance to the Disabled)
2501 Avenue J
Suite 100
Arlington, TX 76011
817/640-6613
Generates the donation of computers, peripherals, and software from commercial organizations for placement (donation or on loan) to disabled clients. Maintains computer database of resources of information. Consults and responds to requests for information about special adaptations or modifications to computers for use by the disabled.

AIDLINE
Associated Enterprise Development, Inc.
120 Admiral Cochrane Drive
Annapolis, MD 21401
301/841-6920
Taped messages about technology for people with disability. Suspended, but group is looking for funding to continue project.

The Technical Resource Center
1820 Richmond Road SW
Calgary, Alberta, Canada T2T 5C7
403/229-7875
Does assessments and provides technical aids to help disabled persons better realize educational, vocational, social and independent living potentials. Consults on the selection, operation, and application of aids. Equipment is loaned for trial use and assessment. Educates professionals. Maintains computerized library of information.

TASH (The Association for the Severely Handicapped)
1600 West Armory Way
Seattle, WA 98119
206/283-5055

Personal Computer Opportunities for the Handicapped
P.O. Box 374
Spicer, MN 56288
612/796-5765
This organization is dedicated to helping disabled individuals acquire job skills and jobs with personal computers.

National Technology Center
American Foundation for the Blind, Inc.
15 West 16th Street
New York, NY 10011
212/620-2000
The Center has three components: National Technology Data Base; Evaluations; Research and Development. Provides a resource for blind and visually impaired persons and professionals who work with them.

NTID (National Technical Institute for the Deaf)
1 Lomb Memorial Drive
Rochester, NY 14623
716/475-6400
This organization of the U.S. Department of Education is a resource center for technical education for deaf and hearing impaired people.

Western Center for Microcomputers in Special Education
1259 El Camino Real
Suite 275
Menlo Park, CA 94025
415/326-6997
Publishes The Catalyst (quarterly). Provides information on computer peripherals for use by handicapped individuals.

Office of Special Education
Apple Computer, Inc.
20525 Mariani Avenue
Cupertino, CA 95014
408/996-1010
Through this office, Apple works with key education, rehabilitation and advocacy organizations nationwide to identify the computer-related needs of disabled individuals and to assist in the development of responsive programs.

Arkansas Rehabilitation Research and Training Center in Vocal Rehabilitation
Publications Department
P.O. Box 1358
Hot Springs, AR 71902
Free description of research reports, reference materials, and training programs published by the Center.

LINC Resources, Inc.
3857 N. High Street
Columbus, OH 43214
614/263-5462
A market linkage special education project, LINK receives Office of Special Education Program products, evaluates them for commercial and not-for-profit distribution potential, and assists developers in marketing. Examples: "We Are One," a video to increase sensitivity between physically handicapped and nonhandicapped persons; "Education, Career Development and the Physically Disabled;" "It Takes All Parts," a manual of activities for severely disabled and sensory impaired preschoolers; "Optacon Instruction Manual For Children;" "Yes, You Can! The Severely Communicatively Impaired Child in the Classroom," including 14 videotapes and manual.

Closing The Gap, Inc.
P.O. Box 68
Henderson, MN 56044
612/248-3294
National and regional conferences, workshops and training. Also operates a bookstore and publishes a newspaper dedicated to the latest in technology for disabled people.

DADA (Designing Aids for Disabled Adults)
1024 Dupont Street
Unit 5
Toronto, Ontario, Canada M6H 2A2
416/633-4494
Helps to train disabled adults and health care professionals in the use of new and existing technology, researches and develops low-cost technical aids, runs workshops.

P.H.I.R.S.T. LINK
(Physically Handicapped Information Resource Service on Technology)
Kitchener-Waterloo Services for the Physically Disabled
75 King Street South
Suite 606
Waterloo, Ontario, Canada N2J 1P2
519/885-6640
Provides physically disabled individuals with opportunities for hands-on computer experience and up-to-date information on computers and technical aids or devices.

NASDSE (National Association of State Directors of Special Education)
2021 K Street NW
Suite 315
Washington, DC 20006
202/296-1800

Trace Research and Development Center on Communication, Control, and Computer Access
Reprint Department
S-151 Waisman Center
1500 Highland Avenue
Madison, WI 53705
608/262-6966
Free listing of research reports and reference materials published by the center.

Special Education Software Center
Building B, Room S312
333 Ravenswood Avenue
Menlo Park CA 94025
800/327-5892 (software information)
800/223-2711 (technical assistance)
800/435-7639 (TTY)
Sponsored by the U.S. Department of Education, Special Education Programs, Division of Educational Services

D:ATA Institute
4407 Eighth Street NE
The Catholic University of America
Washington, DC 20017
202/635-5826
D:ATA has an organizational relationship with NARIC. It was formed to foster broad-based research, educational programs, and other services related to the application of technology in rehabilitation and special education. D:ATA publishes documents and produces a quarterly newsletter, "Current D:ATA." Rehabilitation Research Reviews ($9.00 each) are a cooperative effort of NARIC and NCRE (National Council on Rehabilitation Education) and summarize research literature on key topics in rehabilitation (e.g., Computers and Vocational Education: Current Trends and Future Applications; Computer Access and Applications for Career Counseling; etc.

Assistive Device Information Network
Division of Developmental Disabilities
University Hospital School
Iowa City IA 52242
319-5564

Educational Resources Information Center (ERIC)
National Institute of Education
5500 New Jersey Avenue, NW
Washington, DC 20001
202/254-5500 (management)
Education; collects and disseminates educational documents to teachers, administrators, researchers, students and other interested persons. Consists of 16 clearinghouses located across the country, each specializing in a particular subject area related to education.

NARIC – National Rehabilitation Information Center
4407 Eight Street, NE
The Catholic University of America
Washington DC 20017
202/635-5826
202/635-5884 (TDD)
800/34-NARIC
NARIC is a rehabilitation information service research library funded by the National Institute of Handicapped Research, U.S. Department of Education, to provide access to NIHR and RSA (Rehabilitation Services Administration) funded reports and information on assistive devices, and to disseminate other rehabilitation related information resources. NARIC has these resources: REHAB DATA is a computerized listing of over 10,000 NIHR and RSA materials, selected reports of journal articles, audiovisual materials, and commercial publications. REHAB DATA's phone is 202/635-5822. ABLEDATA is a computerized listing of over 10,000 commercially available aids for rehabilitation and independent living, from simple to sophisticated (e.g., personal care, seating, transportation, home management, etc.). To retrieve information, contact an information broker, or ABLEDATA at 202/635-6090. Custom database searches are a minimum of $10.00 for the first set of up to 100 citations, then $5.00 for each additional set of 100. Both are also available for direct public access through BRS (Bibliographic Retrieval Services). For more information, contact BRS, Route 1, Latham, NY 12110, phone 800/833-4707 (in New York, 518/783-1161).

Project Learning Programs, Inc.
P.O. Box 2002
Chico CA 95927
916/893-4223

PSI-TECH Program
Concepts for Independent Living
Operations Center
2203 Airport Way South
Suite 310
Seattle WA 98134
206/343-0670
A part of the National Initiative on Technology and the Disabled, a program in which the Reagan administration invited aerospace companies to apply the space program technological know-how to the needs of the disabled. Operates Tech-Net (see Networks.)

Indiana Department of Education
Instructional Materials Center/Handicapped
Box 100
Butler University
Indianapolis IN 46208
317/927-0392
317/927-0219

Missouri LINC
Assistive Devices Service
609 Maryland
Columbia MO 65211
800/392-0533
314/882-2733 (in Missouri)
Provides information, technical assistance, inservice, and materials pertaining to vocational education for individuals experiencing handicaps. The Assistive Device Service provides information on adaptive equipment (computer access, switching devices, communication aids, low-cost adaptations) for persons with handicaps in Missouri.

PAM – Physically Impaired Association
Assistance Center
601 W. Maple
Lansing MI 48906
800/426-7426
517/371-5897 (in Michigan)
Provides information and technical assistance to disabled individuals and service providers in the selection, development or adaptation of devices.

Project Threshold
Rancho Los Amigos Hospital
7601 East Imperial Highway
500 HUT
Downey CA 90242
213/922-8116

JWK International Corporation
Project EDUTECH, Log P
7616 Little River Turnpike
Annandale, VA 22003
804/750-0500

Center for Special Education Technology
Council for Exceptional Children (CEC)
1920 Association Drive
Reston VA 22091
703/620-3660
800/345-TECH

Division for Disorders of Development and Learning
University of North Carolina at Chapel Hill
Biological Sciences Research Center 220 H
Chapel Hill NC 27514
919/966-5171 (clinic)

Exceptional Technology
9220 SW 52 Terrace
Miami FL 33165
305/274-3501

MECC
(Minnesota Educational Computing Consortium)
3490 Lexington Avenue North
St. Paul, MN 55112
612/638-0627

TAM
(Technology and Media for Exceptional Individuals)
Institute for the Study of Exceptional Children
Department of Special Education
University of Maryland
College Park MD 20742

DCCG Resource Center
(Disabled Children Computer Group)
Fairmont School
724 Kearney Street
El Cervito CA 94530
415/528-DCCG

Project M.U.S.E.
(Microcomputer Use in Special Education)
27 Horrabin Hall
Western Illinois University
Macomb IL 61455

National Information Center for Handicapped Children and Youth
P.O. Box 1492
Washington DC 20013
703/522-3332
Prepares News Digest, Transition Summary, and fact sheets. Responds to information requests and provides names of local resources.

Trace Research and Development Center on Communication, Control, and Computer Access for Handicapped Individuals
1500 Highland Avenue
S-151 Waisman Center
Madison WI 53705
608/262-6966
608/263-5408 (Information Resources)

CITH
(Center for Innovation in Teaching the Handicapped)
Indiana University
2805 East 10th Street
Room 150
Bloomington IL 47405
812/335-5847
A research and information center for new teaching materials in special education.

Sector Project
Special Education Communication Technology On-Line Resource
U.M.C. 68
Utah State University
Logan, UT 84322
801/753-7973
801/750-2087
A computerized listing of special education resources and reviews of Computer Assisted Instruction materials.

Compute Able Network
Kevin Mills, Dennis Kviz
P.O. Box 1706
Portland OR 97207
503/644-2940
Non-profit organization; provides information, training, problem-solving sessions, individual consultations, field testing, market research, conferences, vendor training.

Selected Bibliography of Videotapes on Augmentative Communication and Computer Access for Handicapped Individuals

Prepared for the Trace Resource Book Series by
Beverly Vicker
Indiana University
Developmental Training Center
2853 E. 10th Street
Bloomington, IN 47405

A special thanks must be extended to the people who provided information to help expedite this project. In particular, the contributions of Gregg Vanderheiden and Sara Brandenburg from the Trace Center, Judy Montgomery from Fountain Valley School District, and Sally Blackstone from ASHA must be acknowledged. Thanks must also be given to Henry Schroeder, the director of the Developmental Training Center, for his support for this project.

All of the tapes listed in this bibliography have not been personally reviewed, so the information in the abstract reflects, in many cases, a description of content by the producing organization. Much of the information was gathered through telephone contacts.

An apology is extended to any individual or organization whose video production(s) were overlooked and subsequently not listed. Please send me the appropriate information, and I'll include it at the time of a subsequent revision.

ID #VT-3
Prentke Romich Company
VHS; 55 minutes
Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
216/262-1984
The tape contains three segments with Barry Romich: 1) Considerations for selecting the most appropriate communication aid (discusses the multiple considerations influencing the final selection of the most appropriate communication aid for specific user[s]), 2) Light Talker and Touch Talker Communication Systems (provides an overview of these two systems and compares and contrast access means, software, and modular capabilities), and 3) Light Talker Selection Techniques (discusses standard selection techniques available in the Light Talker Communication Aid).

Lee Kweller's Bar Mitzvah
CNN/TV and NBC
1985
VHS, 3/4"; 10 minutes
Artificial Language Laboratory
405 Computer Center
East Lansing, MI 48824-1042
This tape consists of several short clips of tapes that appeared on the above listed TV networks. The tapes include an interview with Lee and his mother, and shows him using his voice output communication device at his Bar Mitzvah.

PM Magazine's "Jim Brooks"
PM Magazine
1981
VHS, 3/4"; 5 minutes
Artificial Language Laboratory
405 Computer Center
East Lansing, MI 48824-1042
This tape segment shows an interview with Jim Brooks, who was a client at the Artificial Language Laboratory. The tape is available as a separate tape or on combination tape with "Finding a Voice" and "A Gift for Serena."

Minspeak
Council for Exceptional Children
1984
VHS; 17 minutes
Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
216/262-1984
Bruce Baker, the linguist who developed Minspeak, is interviewed about the conceptual development of it. (On tape with VT-1 with the Lainey System and "A Special Magic."

Symbol Boy
Blissymbolics Communication Institute
VHS; 5 minutes
Lauren Productions
56 Shaftsbury Avenue
Toronto, Ontario, Canada M4T 1A3
This animated video demonstrates the usage of Blissymbols for preschoolers.

Lainey
University of Tennessee
1985
VHS; 13 1/2 minutes
Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
216/262-1984
The tape shows an integrated system of technical aids in the areas of communication, computer access and mobility. The system is in use by Lainey Marty, a sixteen-year-old public school student. On tape VT-1 with "A Special Magic" and Bruce Baker on Minspeak. Tape also available in 3/4" or 1/2" tape from University of Tennessee Rehabilitation Department, 682 Court Avenue, Memphis TN 38163.

Disabled Access to Technological Advances
Access to Independence, Inc.
1986
VHS, Beta; 23 minutes
Access to Independence, Inc.
1954 East Washington Avenue
Madison, WI 53704
608/251-7575
This videotape shows how computer technology can be used to enhance employment options in a variety of fields for persons with severe physical disabilities. Featured are three people using computer technology to help achieve their employment goals; a counselor using computer retraining drills and training in word processing; a planner using a lap computer with a speech synthesizer for communication and as a keyboard emulator to access the office computer; a law student describing how word processing and access to legal databases will make him more productive.

Eye Scan
Artificial Language Laboratory
1984
VHS, 3/4"; 30 minutes
Artificial Language Laboratory
405 Computer Center
East Lansing, MI 48824-1042
This video documents the evaluation of a 6-year-old using an eye scanning device.

Bilingual Augmentative Communication by a Cerebral Palsied Adolescent
Brown Center for Alternative Communication and Environmental Control
1984
3/4"; 12 minutes.
Research Dissemination, Education and Training
Rehabilitation Institute of Chicago
345 E. Superior Street
Chicago, IL 60611
312/908/6184
Can also be available in 1/2" format with sufficient advance notice. This videotape focuses on a unique solution to a cerebral palsied adolescent's need and desire to communicate to his friends in Spanish as well as in English via his newly acquired electronic communication device with synthesized speech. It encompasses not only the evaluation and selection procedure for use and prescription of the communication system, but also the hierarchy involved in the training stages.

Alternatives for the Speechless: Communication in a Multi-Handicapped Setting.
Mary Blake Huer and Janice Williams
3/4" or VHS 1/2"; 20 minutes. Send blank VHS and $10.00
Mary Blake Huer
University of Wisconsin-Whitewater
Department of Communication Disorders, Roseman 1020
Whitewater, WI 53190
414/472-1485
A videotape presented at the 1980 ASHA convention. Black-and-white taped segments of 6 individuals using Bliss symbols, signs, hand pointing, eyegaze, typing, and light beam pointer for communication.

A Special Magic
University of Tennessee Rehabilitation Engineering Center
1979
VHS; 20 minutes.
Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
216/262-1984
or from the REC at Memphis, 682 Court, Memphis TN 38163, 901/528-6445.
This tape shows Lainey Martz from the videotape "Lainey" as a nine-year-old. The central theme of the tape involves an introduction to the field of rehabilitation engineering.

A Gift for Serena
WDIV TV, Detroit
1982
VHS, 3/4"; 20 minute
Artificial Language Laboratory
405 Computer Center
East Lansing, MI 48824-1042
This tape documents the search of a family for a communication enhancement system for 9-year-old Serena. John Eulenberg describes the various approaches taken at the Artificial Language Laboratory to help provide Serena with an augmentative means for communication. The tape is available separately or on a combination tape with "Finding a Voice," and PM Magazine's segment on Jim Brooks.

Access
Apple Computer, Inc.
10 minutes 45 seconds; free loan
Apple Computer, Inc.
Office of Special Education
20525 Mariani Avenue
Cupertino, CA 95014
408/996-1010
A demonstrtion of how computers are affecting the lives of disabled children and adults.

To Say I Am
KOCE TV; Judy Montgomery, Consultant
1980
VHS, Betamax, 3/4"; 30 minutes
Lawren Productions, Inc.
P.O. Box 666
Mendocino, CA 95460
This tape originally aired on PBS stations as a general public awareness tape. It includes a 20-page viewers guide. It presents introductory information about assessment and programming, and depicts some augmentative communication devices such as the ZYGO 100. The tape was made at Plavan School, Anaheim, California.

To Be Like Anyone Else
Crippled Children's Hospital and South Dakota Dept. of Education
1984
VHS, 3/4"; 29 minutes
Speech Department
Crippled Children's Hospital and School
2501 West 26th Street
Sioux Falls, SD 57105
This video demonstrates the usage of augmentative communication devices by multiply handicapped children in a variety of real-life situations.

Talk Is Not a Four-Letter Word
Sally Blackstone and Lucinda Cassatt-Jones
1986
VHS, 3/4"; 16 minute
Publications Department
American Speech-Language Hearing Association (ASHA)
10801 Rockville Pike
Rockville, MD 20852
301/897-5700
This video presents an overview of the area of augmentative communication and illustrates the diversity of individuals with severe expressive communication disorders, and the variety of techniques, strategies and aids used to circumvent the communication problem. An instructional guide is also included.

System for Augmentative Communication
Elaine Heaton and Barbara Strohback
VHS, Beta, 3/4"; 57 minutes
Purchase only:
VTI (Voice Tapes, Inc.)
The target audience for this tape, which includes a packet of discussion materials, includes pre-service students and professionals with minimal exposure to this area. The content includes a discussion of systems for augmentative written and spoken communication as well as a discussion of low technology systems and a philosophical overview of concepts involved in augmentative programming.

Personal Computing: Help for the Handicapped–The National Fair
Paul Hazan
1981
Betamax; 9:41 minutes
Paul Hazan
Johns Hopkins University
Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20810
301/953-7100
This is a videotape of the 1981 Johns Hopkins University National Fair. The tape includes demonstration of an eyetracker communication system, a pocket telecommunicator for the deaf, LipReader/Trainer program package, a reading machine for the blind and dyslexic, a motor handicapped support system, programs for the learning disabled, Microbraille system (a software program).

Personal Computing: Help for the Handicapped
Paul Hazan
1981
3/4", VHS, Betamax
Paul Hazan
Johns Hopkins University
Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20810
301/953-7100
This captioned tape outlines the potentials of the microcomputer to aid blind, deaf, and physically disabled individuals in everyday situations. A brief review of microcomputer uses is presented.

Now I Can Speak
Blissymbolics Communication Institute
1981
VHS, Beta; 20 minutes
Lauren Productions
56 Shaftsbury Avenue
Toronto, Ontario, Canada M4T 1A3
The videotape shows the versatility of communication and interaction styles of adults and children who use Bliss symbols. Fourteen different variations of use are shown, i.e., use of eye gaze, use with signing, etc.

Mr. Symbol Man
Canadian Broadcasting System (Consultant, Shirley McNaughton)
1975
VHS, Beta; 60 minutes
National Film Board
1257 Avenue of the Americas
New York, NY 10020
Also from: Benchmark Films, Inc.
P.O. Box 315
Franklin Lakes, NJ 07417
The video describes the life and work of Charles K. Bliss. It also shows segments demonstrating Bliss symbol users during the early stages of the Ontario Crippled Children's Centre Project.

Hullaballo at High Rock
Crippled Children's School and Hospital
1986
VHS, 3/4"; 12 minutes
Speech Department
Crippled Children's Hospital and School
2501 West 26th Street
Sioux Falls, SD 57105
This videotape demonstrates the creative process of producing a play by communication handicapped children using augmentative devices. The tape shows the students and interviews with the various service staff who were involved in the process.

Gerald Goldberg – Optical Headpointer
3/4", VHS, Betamax; 22 minutes
General Accounting Office
441 G Street NW
Room 5741
Washington, DC 20548
202/275-3597
This videotape illustrates the long range optical pointer developed at the Trace R&D Center in use by Gerry Goldberg, who has muscular dystrophy.

Dependence to Independence
Elaine Trefler, University of Tennessee Rehabilitation Engineering
1986
VHS, Beta, 3/4"; 15 minutes
Association for Advancement of Rehabilitation Technology (RESNA)
Suite 700
1101 Connecticut Avenue NW
Washington, DC 20036
202/857-1199
This videotape presents a broader view of rehabilitation technology as it applies to communication, etc. An overview of nation-wide research projects and service related issues are presented.

From Silence to Solist
1982
VHS, 3/4"; 27 minutes
Media Resource Center
Meyers Children's Rehabilitation Institute
444 S. 44th Street
Omaha, NE 68131
402/559-7467
This videotape follows the development of communication skills, both oral speech and augmentative skills, of a boy from age 4 to age 11. The tape demonstrates for parents, etc., that the use of augmentative devices, neither manual communication boards nor electronic devices, prevent the child from developing oral speech skills that are possible within the parameters of his neurological abilities.

Finding a Voice
Nova Series
1982
3/4", VHS, Betamax; 60 minutes
Time-Life Videos
WGBH Educational Foundation
100 Eisenhower Drive
Paramis, NJ 07652
This tape shows several augmentative system users. The focus of this tape is on the development of one system for an individual, and a demonstration of it. A description of other systems is presented, as well as an interview with John Eulenberg.

BreakThru
Blissymbolics Communication Institute
1981
VHS; 50 minute
Lauren Productions
56 Shaftsbury Avenue
Toronto, Ontario, Canada M4T 1A3
This video documents the lives of three nonspeaking persons within the context of their families and/or residential/educational facility. Although all three people (a 9-year-old, an 18-year-old, and a 30-year-old) use Blissymbols this is incidental to the thrust of the videotape.

Augmentative Communication Training: Action Modules
VHS, Beta, 3/4"; 20-30 minutes
1987
Dr. Albert Cook
California State University
Assistive Device Center, 6000 J Street
Sacramento, CA 95819
916/278-6422
This will be commercially available by the fall of 1987; the distributor has not yet been identified. A companion syllabus will accompany each of the six tapes in this series. The tapes will cover the topic of an overview of the field of augmentative and alternative communication, evaluation of physical, cognitive, and language abilities, decision-making, i.e., achieving an interface between needs and abilities, different types of options, and training clients to use a system.

Aaron
Trace Center
1984
AESIR Software Engineering
P.O. Box 5383
Riverdale, CA 93650
Jacqueline Able, director of Speech Pathology at St. Agnes Hospital, Fresno, California, discusses different needs for augmentative communication systems within the hospital for both short-term and long-term patients. Steve Able, a software engineer for Aesir software engineering, demonstrates the Aaron software system, which runs on an IBM/PC and presents a scanning keyboard screen. The user must be able to control a switch; the program "learns" from past experience (i.e., user's language style). The software package is $350.00

A Voice Within
Judy Montgomery and Sallie Dashiell
1987
VHS; 8 minutes
Lawren Productions
P.O. Box 666
Mendocino, CA 95460
This videotape shows a representative sample of the wide range of augmentative systems that can be used in public school programs to facilitate academic and interaction tasks for nonspeaking children age three to 22 years. The videotape will be available in February of 1987.

Computer Access for Disabled Individuals
Trace R&D Center
1986
VHS; 16 minutes; $15.00
Trace R&D Center
S-151 Waisman Center
1500 Highland Avenue
Madison, WI 53705
608/262-6966
This open captioned videotape demonstrates current computer access techniques for physically disabled, blind, and visually impaired individuals. The impact of the ability to use computers and the importance of ensuring easy access to future computer systems is discussed. Prepared for the NIHR-OSERS Initiative on Computer Access.

Computer Programmer Training for the Handicapped
TODDCOMP
1979, 1983
VHS, Betamax, 3/4"; 24 minutes
Dr. Wilson
TODDCOMP
University of Missouri Extension
Attitudinal barriers, however, need to be changed, according to the text, so that the disabled can have appropriate opportunities for education and employment." " "
314/449-3481
This tape is directed at business and industry employers, demonstrating the qualifications of the disabled in the area of computer programming. It analyzes several training programs from candidate selection to job placement, emphasizing the goal of independence for the disabled.

Feeling Free
$75.00/tape to purchase, $25.00 to rent
NCHRTM
Oklahoma State University
115 Old USDA Building
Stillwater, OK 74078
405/624-7650
6 1/2-videotapes to help others share the lives and feelings of handicapped children. Originally shown on public television.

Videotapes Available from IBM
IBM Special Education Programs
1300 Rockville Pike
Rockville Pike, MD 20852
301/897-3859
At My Fingertips (Telesensory Systems, Inc.); Equal to the Task (Telesensory Systems, Inc.); Here I Am: The International Games for the Disabled; IBM: Writing to Read; 1984 Easter Seal Computer Camp; Visualtek Product Demonstration Video

Autistic Education Program Videotape
1/2" VHS, $49.95
ASIEP Education Company
P.O. Box 12147
Portland, OR 97212
503/236-1317
A 25-minute color videotape showing how to teach nonverbal students using a communication focused language curriculum. Includes how to teach sign use, sign-speech procedures, how to teach sign and sound pairing, how to teach speech initiation, and how to use peer tutors.

Oh Say What They See: An Introduction to Indirect Language Stimulation Techniques
1/2" VHS, 1/2" Beta, 3/4"; $295.00
ASIEP Education Company
P.O. Box 12147
Portland, OR 97212
503/236-1317
Animation and adult/child interactions are used to explain and demonstrate indirect language stimulation techniques. Model training sessions show staff, parents, and adult caregivers how to incorporate techniques with daily routines. A viewer's guide reviews each language development technique demonstrated in the videotape.

Service Centers

No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Alabama

Communication Habilitation Service
Pam Elder, MA CCC
201 Sleepy Hollow Circle
Birmingham AL 35216
205/871-2766

Arizona

Cerebral Palsy Foundation of South Arizona
4710 E. 29th DAC W.
Tucson, Arizona 85711
602/747-6809
Involves basic remediation and rehabilitation, vocational counselling and research on the use of technology with individuals with severe and profound handicaps.

The SPEAC Center
Mary Christen, MA
6306 North Seventh Street
Phoenix AZ 85014
602/263-0770

Arizona Training Program
Susan Neidlinger
Auxiliary Communication Assessment
3727 East McDowall Road
Phoenix AZ 85008
602/275-7821, ext. 348

Children's Achievement Center for Developmental Delays
3825 East Second Street
Tucson AZ 85716
602/325-1517

California

Assistive Device Center, California State University-Sacramento
Colette Coleman, Ph.D., Co-Director
Albert M. Cook, Ph.D., Co-Director
6000 "J" Street
Sacramento CA 95819
916/454-6422

Blissymbolics Resource Center
Melvin S. Cohen, Ph.D., Director
Department of Speech & Language Development
Loma Linda University Medical Center
Loma Linda CA 92354
714/824-4401

Casa Colina Hospital Non-Oral Communication Program
Charles Johnson, MA, CCC
255 East Bonita Avenue
Pomona CA 91767
717/593-7521

Children's Hospital & Health Center
Speech, Hearing, & Neurosensory Center
Chris Hagen, Ph.D., Director
Speech-Language Pathology Department
8001 Frost Street
San Diego CA 92123
619/576-5837

Children's Hospital at Stanford
Rehabilitation Engineering Center
Margaret R. Barker, MS
520 Willow Road
Palo Alto CA 94304
415/327-4800, ext. 345

UCLA Intervention Program
Dr. Judy Howard, Medical Director
23-10 Rehabilitation Center
1000 Veteran Avenue
Los Angeles CA 90024
213/825-4821

Glendale Adventist Hospital
Beth Pioli, Director
Non-Speech Communication Program
1509 Wilson Terrace
Glendale CA 91026
818/240-8000, ext. 416

Non-Oral Communication Center
Judy Montgomery, MA, CCC
9675 Warner Avenue
Fountain Valley CA 92708
714/964-2014

Non-Verbal Assessment Program
Sally Cook, MA, CCC, Teacher Coordinator
Los Angeles Unified School District
c/o Widney High School
2302 South Gramercy Place
Los Angeles CA 90018
213/732-1976

Northridge Hospital Medical Center
Gail L. Pickering, Program Coordinator
Innovative Communications Aids for the Non Verbal (ICAN)
183200 Rosco Boulevard
Northridge, CA 91328
818/885-8500

Rancho Los Amigos Hospital
Frank DeRuyder, Ph.D., Director
Communication Disorders Department
7601 East Imperial Highway
Downey, CA 90242
213/922-7682

White Memorial Medical Center
1720 Brooklyn Avenue
Los Angeles, CA 90033-2481
213/922-7682

SDSU Assistive Device Assessment Program
Clinical Training Center
College of Human Services
San Diego State University
San Diego, CA 92182-0446
619/265-6121

Non-Oral Communication Services: Community Based Service
294 Carl, #16
San Francisco, CA 94117
415/664-2274

Colorado

Rocky Mountain Regional Center
Boulder Memorial Hospital
311 Mapleton
Boulder, CO 80302
303/441-0461

Fitzsimmons Army Hospital
East Colfax Avenue
Aurora, CO 80045-5001
203/361-8241
Poudre Valley Hospital
1024 Lemay Avenue
Fort Collins, CO 80024
303/482-4111

Connecticut

Newington Children's Hospital
Lynn Graff, Speech and Hearing
181 East Cedar Street
Newington, CT 06111
203/667-5200

Connecticut Center for the Non-Vocal
Iris Fishman
130 Hunting Street
Bridgeport, CT 06606
203/334-2118

District of Columbia

Communication Aids Education Software
Susan A. Brummell, M.S.
Speech & Language Pathologist
3177 18th Street, N.W.
Washington, DC 20010
202/462-1187
202/899-5891 (Messages)

Florida

Florida Diagnostic Learning Resources Services (FDLRS)
9220 SW 52 Terrace
Miami, FL 33165
305/274-3501
Offers diagnostics for computer compatibility for disabled people, inservice training, computer information resources, as well as software and hardware evaluation.

The Communication System Evaluation Center
Edythe F. Finkley, Evaluation Team Leader
Sandra Osborn, Senior Presentor
P.O. Box 271
Orlando, FL 32802
305/423-9212
305/422-3200, ext. 692

Illinois

Du Page Easter Seal Treatment Center, Inc.
830 S. Addison
Villa Park, IL 60181
312/620-4433
The center specializes in the use of personal computers in therapy.

Alan J. Brown Center for Alternative Communication & Environmental Control
Jerri Voda, MS, CCC-SP

Rehabilitation Institute of Chicago
345 East Superior Street
Chicago, IL 60611
312/908-2556

Gottfreid Speech Association
Ann B. Kanter, MA, CCC-Sp
Center for Non-speech Communication
1535 Lake Look Road
Northbrook, IL 60062
312/564-9230

State of Illinois
Lee Ann Vicars
Anna Mental Health and Development Center Rehabilitation Services
1000 North Main Street
Anna, IL 63906
618/833-5161

Center for Communication Disorders Ltd.
18019 Dixie Highway
Homewood, IL 60430
312/799-7520

Indiana

Rehabilitation Technology Center
Larry Whitehead
615 North Michigan Street
South Bend, IN 46601
219/284-7134

Fort Wayne State Hospital & Training Center
Pat Jonaitis
Speech and Hearing Department
4900 St. Joe Road
Ft. Wayne, IN 46815
219/485-7554, ext. 647

Porter County Special Education Coop
Neil Carpenter
750 Ransom Road
Valparaiso, IN 46383
219/464-9607

Memorial Hospital
Mark Russel
Assistive Device Resource Center
615 North Michigan
South Bend, IN 46601
219/284-7134

Kansas

Institute of Logopedics
Augmentative Communication Program
2400 Jardine Drive
Wichita, KS 67219
316/262-8271
800/835-1043

Kentucky

Redwood School and Rehabilitation Center
Debra Maly, M.A., CCC, Speech Dept. Head
71 Orphanage Road
Fort Mitchell, KY 41017
606/331-0880

Maryland

United Cerebral Palsy of Central Maryland
Noreen Rysticken
Non-Vocal Communication
Derry Preschool
18 Delrey Avenue
Catonsville, MD 21228
301/744-3151

Maryland Rehabilitation Center
2301 Argonne Drive
Baltimore, MD 21218
301/366-8800
301/366-6608 (TTY)

Kennedy Institute
Sally Blackstone, Ph.D.
707 North Broadway
Baltimore, MD 21205
301/522-5450

Massachusetts

Adaptive Computer Technology Center
Kennedy Memorial Hospital
30 Warren Street
Brighton, MA 02135
617/254-3800
Utilizes and provides instruction in the use of computer-based technology to enhance learning, leisure, communication, prevocational skill development, independent living, and environmental control.

Children's Hospital Medical Center
Howard Shane, Ph.D.
Communication Enhancement Clinic
300 Longwood Avenue
Boston, MA 02115
617/735-6466

Massachusetts Hospital School
Carol Sargent, OTR/L
Adaptive Equipment
Canton, MA 02021
617/828-2440

Non-Vocal Communication Resource Center (NVCRC)
Ellen Kravitz
Speech and Hearing Department
Fernald State School
Box 158
Belmont, MA 02178
617/894-3600, ext 2352 or 2285

Speech, Hearing, Language
New England Medical Center
181 Harrison Avenue
Boston, MA 02110
617/956-5300

New England Medical Center, Inc.
Dr. Bruce Gans
Special Equipment Clinic
171 Harrison Avenue
Boston, MA 02111
617/956-5625

Michigan

Oakland Schools Learning Assessment Clinic
Ina Kirsten, Communication Consultant/Clinician
Communication Enhancement Center
2100 Pontiac Lake Road
Pontiac, MI 48054
313/858-1901

Jackson County Intermediate School District
Dianne Taulbee, Supervisor
6700 Browns Lake Road
P.O. Box 1160
Jackson, MI 49201
517/787-2800

Communication Enrichment Resource Center (CERC)
Leonard Reznierski, Ph.D.
Northville Public Schools
501 West Main Street
Northville, MI 48167
313/349-3400, ext. 277

Mott Children's Health Center
Joan Todoroff
806 West 6th Avenue
Flint, MI 48503
313/767-5750

Minnesota

Sister Kenny Institute
800 E. 28th Street at Chicago Avenue
Minneapolis, MN 55407
612/874-4175
This organization uses computer programs to provide language and cognitive therapy to adults with neurologic injuries.

United Cerebral Palsy of Minnesota, Inc.
223 So. Griggs-Midway Building
1821 University Avenue
St. Paul, MN 55104
612/646-7588
No evaluations, but operates a loan bank of communication equipment for professionals in the area to allow assessment of the appropriateness of a device for a client.

Cambridge Area Developmental Rehabilitation and Education (CADRE)
430 N.W. Eighth Street
Cambridge, MN 55008
612/689-4466 (afternoons)

Courage Center
Bill Margolis
3915 Golden Valley Road
Golden Valley, MN 55422
612/588-0811

Mississippi

Living Systems/ITD
2160 S. Lamar
Oxford, Mississippi 38655
601/234-0158
Has a microcomputer laboratory equipped to evaluate and to develop hardware and software which will provide capability to disabled individuals.

Missouri

Jewish Hospital
Occupational Therapy Department
216 S. Kings Highway
St. Louis, MO 63110
314/454-7752
Using microcomputer technology, the Jewish Hospital offers complete assessment and treatment for disabled people. Teaches microcomputer use as a tool for rehabilitation as well as for vocational training.

Nebraska

Barkley Memorial Center
University of Nebraska-Lincoln
42nd and Holdrege
Lincoln, NE 68583-0731
402/472-5459

New Jersey

Cerebral Palsy Association of Middlesex County
Travis M. Tallman, CCC-Sp
Director, Speech Pathology
Roosevelt Park
Oak Drive
Edison, NJ 08837

Children's Seashore House
Joan Bruno, MS, CCC
4100 Atlantic Avenue
P.O. Box 4111
Atlantic City, NJ 08404
609/345-5191

Children's Specialized Hospital
Kim Jolie, MA, CCC-SP
Augmentative Communication Services
150 New Providence Road
Westfield-Mountainside, NJ 07091
201/233-3720

New Mexico

Clinical Microcomputer Laboratory
Gary Rushakoff
Department of Speech
New Mexico State University
Las Cruces, NM 88003

New York

John A. Coleman School
New York Foundling Hospital
1175 Third Avenue
New York, NY 10032
212/472-3322, ext. 629
The School uses computers daily with multiply handicapped children (ages 1-10) to achieve a variety of basic educational goals.

The Burke Rehabilitation Center
785 Mamaroneck Avenue
White Plains, NY 10605
914/948-0050
Cerebral Palsy Center

Carol Cohen, Director
Schneier Communication Unit
1603 Court Street
Syracuse, NY 13208
315/455-5726

Non-Vocal Communication Group of Greater New York
Arlene Kraat
Queen's College
19-10 Parsons Boulevard
Whitestone, NY 11257
718/520-7000
718/670-4222

Rochester Institute of Technology
The Office of Special Services
1 Lomb Memorial Drive
P.O. Box 9887
Rochester, NY 14623-0887
716/475-2832

North Carolina

Division of Disorders of Development and Learning
Patricia Porter
University of North Carolina-Chapel Hill
Biological Science Research #220H
Chapel Hill, NC 44691
919/262-1984

Ohio

Rehabilitation Institute of Ohio
Miami Valley Hospital
One Wyoming Street
Dayton, OH 45409
513/220-2063
The Institute uses computers to help brain injured individuals make maximum use of their abilities. Focus is on cognitive and linguistic retraining using microcomputers as therapeutic tools.

Prentke Romich Company
1022 Heyl Road
Wooster, OH 44691
216/262-1984

Oregon

Good Samaritan Hospital
Margaret Russitano, MA
1015 N.W. 22nd Avenue
Portland, OR 97210
503/229-7711

Pennsylvania

Special Education and Assistive Device Center
Mary Brady
Elizabethtown Rehabilitation Hospital
Elizabethtown, PA 17022
717/367-1161, ext. 315

South Dakota

Yankton Area Adjustment Training Center
909 W. 23rd Street
Yankton, SD 57078
605/665-2518
Provides computer-assisted learning on the Apple IIe for area special education students. Focus includes job skills, job readiness skills, math skills, time and money skills, pedestrian safety, and motivation.

Crippled Children's Hospital and School
2501 West 26th Street
Sioux Falls, SD 57105
605/336-1840

Tennessee

University of Tennessee
Elaine Trefler, OTR
Rehabilitation Engineering Center
682 Court Avenue
Memphis, TN 38163
901/528-6445

Texas

Callier Center for Communication Disorders
Delva Culp
1966 Inwood Road
Dallas, TX 75235
214/783-3033

Education Service Center, Region 20
Dennis Dildy
Community Based Services
1314 Hines Avenue
San Antonio, TX 78208
512/271-7611

Washington

Gordon R. Hauck School
Lake Washington School District
11133 N.W. 65th
Kirkland, WA 98033
204/822-9588

Children's Orthopedic Hospital and Medical Center
Marny Isaman
Communicative Disorders
4800 Sand Point W[illegible].E.
Seattle, WA 98105
206/536-2191

University of Washington Hospital
Communication Augmentation Center
BB 919 Health Sciences Building RJ-30
Seattle, WA 98195
206/543-3674

Wisconsin

Communication Aids and Systems Clinic
Donna DePape
S-120 Waisman Center
1500 Highland Avenue
Madison, WI 53705
608/263-2522

Trace Center Communication Development Program
Sara Brandenburg
S-157 Waisman Center
1500 Highland Avenue
Madison, WI 53705
608/263-5697

Curative Rehabilitation Center
1000 North 92nd Street
Wauwatosa, WI 53226
414/259-1414

Canada

Technical Resource Center
1820 Richmond Road SW
Calgary, Alberta, Canada T2T 5C7
403/229-7875
Provides information and one-month loan of devices in the areas of adaptive toys, communication aids, daily living aids, inventory control and microcomputers. It offers assessment and consultation.

Sunny Hill Hospital for Children
3644 Slocan Street
Vancouver, British Columbia V5M 3E8
604/434-1331
Offers assessment and training of physically disabled children for access to microcomputers for education, recreation, and communication.

Bloorview Children's Hospital
25 Buchan Court
Willowdale, Ontario, Canada M2I 4S9
416/494-2222

The Hugh MacMillan Medical Centre
Penny Parnes, Director
350 Rumsey Road
Toronto, Ontario M4G 1R8
416/425-6220

The Kinsman Rehabilitation Foundation
Technical Aids Program
2256 West 12th Avenue
Vancouver, British Columbia V6K 2N5
112-800-663-1555

Gorge Road Hospital
63 Gorge Road East
Victoria, British Columbia V9A 1L2
604/386-2464

Portable Typewriters

This is a listing of commercially manufactured portable typewriters (weighing less than 10 pounds). No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

Royal Alpha 100
$199.99
No LCD; 32-character recall; standard typing paper, single sheets only; weight 10 lbs.; 1-year parts warranty only

Sharp PA 1000
$350.00
8.7K w/expansion (5 1/2 pages); uses thermal or bond paper, single sheets only; weight 8.4 lbs.; 26 abbreviations. 90-day parts and labor warranty, factory

Silver Reed RX-300
$795.00
Prints 16 characters/second; types in pica, elite, mini; 8K memory; can plug into any computer and act as a letter quality printer. 6-month warranty.

Silver Reed EXD-10
$195.00
15-character line; minimal memory; weight 5 lbs.; uses single sheets of thermal or bond paper; dot matrix print. 6 month warranty

Sears #5394
$119.00, $219.00
Single page memory; weight 4 lbs.; uses single sheets of bond or thermal paper; made by Brother. 1-year parts and labor warranty.

Brother EP-44
$200.00
16-character LCD; 3.7K memory (1 1/2 pages); uses single sheets of bond or thermal paper; roll attachment included. 90-day labor warranty, 1-year parts warranty; some parts guaranteed longer.

Brothe EP-22
$129.00; $99.00
16-character LCD; 2K memory; uses single sheets of bond or thermal paper; roll attachments are available. 90-day labor warranty, 1-year parts warranty; some parts guaranteed longer.

Canon Typestar 5, Typestar 6
$225.00
15 character display; one-line memory, 30-character key buffer; automatic return, underlining; uses standard Xerox or similar paper; no roll attachments; 90-day factory warranty.

Optical Character Recognition Scanners

OCR scanners allow computer users to enter printed documents into the computer without retyping. The traditional application of scanners has been to prevent rekeying documents such as insurance forms, legal materials, medical charts, or books. They are also of great use to blind computer users as an alternate input device. However, they have been unreliable (even 99% reliability means 15 errors/page), inflexible, bulky, and high priced, costing hundreds of thousands of dollars. More recently, several companies have offered products in the $10,000-$50,000 range.

New OCR scanners are now being introduced at lower prices. An overview of developments in OCR scanning technology can be found in the August, 1986 issue of PC World ("Scanners: Gaining Recognition," Bill Crider). No recommendations or endorsements are implied by inclusion on this list. Contact each resource for more specific and up-to-date information.

E-Scan
List price $2,495.00
Tecmar, Inc.
6225 Cochran Road
Solon, OH 44139
216/349-0600
Or Electronic Information Technology, Inc., 373 Route 46 West, Fairfield, NJ 07006, 201/227-1447.

IX-12
List price under $2,000.00 with OCR software and interface board
Canon U.S.A., Inc.
1 Canon Plaza
Lake Success, NY 11042
516/488-6700 (systems division)

IX-8
List price around $1,000.00 with interface board
Canon U.S.A., Inc.
1 Canon Plaza
Lake Success, NY 11042
516/488-6700 (systems division)

OCR Software
List price $595.00
OCR Systems, Inc.
3430 Progress Drive, Suite I
I-95 Industrial Park
Bensalem, PA 19020
215/638-2174

Model 730
List price $4,950.00 (with WIPS)
Datacopy Corporation
1215 Terra Bella Avenue
Mountain View, CA 94043
415/965-7900

JetReader
List price $2,950.00 (with WIPS and OCR software)
Datacopy Corporation
1215 Terra Bella Avenue
Mountain View, CA 94043
415/965-7900

PC-Scan
List price $1,955.00; TextPac Software $595.00
Dest Corporation
1201 Cadillac Court
Milpiter, CA 95035
408/946-7100

MS-200
List price $1,700.00 (with Eyestar 200)
Microtek Lab, Inc.
16901 S. Western Avenue
Gardena, CA 90247
213/321-2121

Other companies working on low-cost sheet scanners costing $1,500-$2,000:
Sharp Electronics Corporation
Ricoh Corporation

Portable Battery-Operated Printers

This list contains information on portable, battery-operable printers that could be used with communication aids with RS232 output. No recommendations or endorsements are implied by inclusion on this list. Contact individual manufacturers for current price and other information.

Axonix ThinPrint 80
$279.00
Axonix Corporation
417 Wakara Way
Salt Lake City, UT 84108
800/821-7093
80 or 136 columns/line; 4 lbs; rechargeable battery and AC adaptor; serial or parallel interface; thermal printing.

Epson HS-80 LetterJet Portable Printer
Epson America, Inc.
23610 Telo Street
Torrance, CA 90505
213/534-4234
Lightweight; rechargeable battery and 6 volt adaptor to allow printing during recharging; variety of print styles and features; ink jet printing; parallel interface.

Laptopp On-the-Go Portable Printer
$149.95
Laptopp Systems
515 Calle San Pablo
Department 1
Camarillo, CA 93010
800/LAP-TOPP
805/482-9699 (in California)
Less than 3 lbs. (with batteries); goes 2 hours on battery power; 4 character types; thermal printing; parallel interface.

Hush-80 Printer
Ergo Systems, Inc.
303-3 Convention Way
Redwood City, CA 94063
800/222-HUSH
415/363-5966
25 oz.; 80-column; rechargeable battery option; thermal printing; parallel, RS232 or Commodore interface.

NEC PC-8221A
Contact for more information:
ZYGO Industries, Inc.
P.O. Box 1008
Portland, OR 97207
503/297-1724
Small, 40-column printer (4" x 6")

Appendix B

Glossary

This appendix includes terminology found in the product descriptions which might be new or unfamiliar to many readers. The glossary does not attempt to be all-inclusive for the field of computer applications in special education and rehabilitation or augmentative communication, rather it serves to clarify possible points of confusion in the books.

Abbreviation expansion An abbreviation expansion program allows a person entering text or data on a computer or communication aid to enter a long string of characters (a "macro") by simply typing in one or a few defined characters (the abbreviation). This sytem can save the user typing time and effort.

Applications program Any program that enables the user to accomplish some task using a computer, but not a task relevant only to the computer's operation. For instance, a word processing program would be an applications program, because it enables the user to create, edit and print text. But a program that strictly performs the function of speaking the contents of the computer screen via a speech synthesizer (a "talking screen" program) is a program that pertains mainly to the way in which the computer functions, and therefore would not be considered an applications program.

Artificial Larynx An electronic device which generates a tone to replace or enhance lost vocal tone. The tone is transmitted from the device either directly to the user's throat or (via a tube) into the nose or mouth. The user articulates the tone into speech in the normal manner.

ASCII American Standard Code for Information Interchange. A standardized system which assigns letters, numbers, and various other characters each their own code. This allows information to be transferred successfully from one computer or peripheral to another via various interfaces. It is important to note, however, that simply because one device produces ASCII output and another accepts ASCII input does not mean that they will necessarily operate flawlessly in conjunction with one another.

Authoring Program A program which is designed to aid the user in creating programs suited to different situations. An authoring program for education, for example, might allow several different types of tests to be created, each with its own means of recording and analyzing scores.

Auto-Repeat The feature on computer keyboards which causes a particular character to repeat for as long as its key is depressed. This feature is fairly universal; it usually takes effect after a short delay. Hardware and software systems which disable the auto-repeat function are available for some computers.

Baudot The information exchange code most commonly used by TDDs (Telecommunication Devices for the Deaf). Most TDDs transmit only Baudot, but some offer the option of transmitting ASCII code as well. ASCII is used by computers when they communicate telephonically. The two codes are not compatible.

Buffer A set of memory circuits which are designed to store excess input until it can be accepted, or excess output until it can be sent. A printer, for instance, may have a buffer for storing text which is being sent to it from a computer faster than the printer can physically print it.

Communication aid Any device or system which augments a person's ability to communicate. This term can cover non-electronic devices such as communication boards, or electronic devices such as portable communication systems which allow the user to print and speak typed-in text.

Control, controller Technically this term may be used for any switch or switch-like device which is used to control some system (computer, wheelchair, etc.) Typically it is applied to devices which incorporate several switches and which control a system in several ways; e.g., a joystick used to control a video game.

CP/M Control Program for Microcomputers. An operating system developed by Digital Research, Inc. for a particular family of microprocessors. See operating system.

Cursor The graphic character on a computer screen which indicates the point at which text is being added or edited.

Database A body of information that is stored and manipulated on a computer. A database management program is typically used to enter, edit, store, and manipulate this information.

Digitizer See speech digitizer.

Direct Selection Any technique for selecting choices in which a person points directly to the desired choice. This contrasts with scanning, in which choice are offered sequentially and the user signals when the selection is reached. Methods of direct selection include pointing, pressing various keys on a keyboard, or eye gaze selection. Generally speaking, direct selection methods allow selections to be made more rapidly. See also scanning.

Disk One type of system for storing data in electronic form. The term "hard disk" refers to a large-capacity disk that must be permanently installed in a computer. "Floppy disk" or "diskette" are terms used to refer to the type of disk that is portable, and which is inserted in the computer (in the disk drive) for use and is removed from the computer when no longer in use. The term "disk" by itself usually refers to a diskette.

DOS Disk Operating System. See operating system.

Emulator A device which imitates the action of another. A terminal emulator, for instance, is a system which is not a terminal per se, but is designed to operate like one.

Encoding A type of technique for increasing the number of selections possible on an electronic communication aid. The user enters an alphanumeric code, and the characters of the code determine which letter, word, phrase, etc. is called up. Thus an electronic communication aid with ten keys might have 1000 possible selections, each formed by pressing some three-key combination. See also levels.

Firmware A program or programs stored in circuitry, rather than in a disk or tape storage system. Optional firmware for microcomputers is often sold as a circuit board (or "card") which fits in one of the several option slots inside the computer. This is not a strictly observed term; any program may be referred to as "software" (see software).

Hardware Any component of an electronic system (such as a computer system) which is tangible; e.g., a computer, a monitor, a disk drive, a printer, etc. This category contrasts with software, which describes those components which consist only of electronic signals; e.g., programs, text files, and other quantities of information that can be stored on a disk or in a computer's memory. Although a program on a floppy disk is commonly referred to as software, technically the disk is hardware and the program on it is software.

Host computer In a computer system where various terminals (or computers connected in a network) are used to send input to a central computer, the central computer is commonly referred to as the host computer. See also terminal.

Input Any information entered into a computer by the user or sent to the computer by another device. See output.

Interface The point at which two electronic devices, such a computer and a printer, communicate with each other. Also, an electrical connector or adaptive device which allows the interface to work properly.

Jack In a male-female electrical connection, the jack is the female connector. See plug.

Keyboard Emulating Interface (KEI) If some device such as a communication aid is to be used as an alternate keyboard for a computer, some system is usually required to allow the two to communicate successfully. A KEI takes the keystrokes from the alternate keyboard and makes them appear to the computer as indistinguishable from keystrokes on the normal keyboard. Some communication aid systems contain a KEI. Others are designed to operate with a standard KEI (one which complies with the standard industry protocol). In the latter case, the aid plugs into the KEI, which plugs into the computer like a ordinary keyboard.

Keyguard A plate which fits over the top of a keyboard and has holes over some or all of the keys. A keyguard can allow the user a place to rest the hands while typing, but primarily it is designed to prevent inadvertent key presses caused by poor motor control or other factors. Key latches, devices which hold down keys such as SHIFT, are commonly available with keyguards, and can facilitate one-finger typing.

Keypad A somewhat loosely used and not strictly defined term, keypad usually refers to any keyboard having significantly fewer keys than a standard typewriter or computer keyboard. Anything called a keypad can also be accurately referred to as a keyboard or part of a keyboard. The term often refers to the special separate set of numeric or cursor keys on some computer keyboards.

Latching See toggle.

LCD, LED Liquid Crystal Display and Light Emitting Diode. These are types of display systems. LEDs are the type of displays, commonly used on calculators, which glow and come in various colors: red, blue, green, etc. LCD displays are also common on calculators, but are gray and do not glow.

Levels A system similar to encoding whereby the number of potential selections on an electronic communication aid can be greater than the number of buttons, keys, or scanning positions it has. The user makes one selection to choose a level; each level then has a different programmed value for each key, button, etc. Levels are sometimes known as "pages."

Light Pen An input device operated by pointing to locations on a computer's video screen. The device resembles a pen, and requires some special program to operate. Commonly used to make selections from menus or to create graphics.

Load To transfer a program from storage in memory (for instance on disk) to a computer's RAM. A program must be loaded in order to be run. See also RAM.

Macro A string of characters triggered by a defined shorter set of characters. See also abbreviation expansion.

Mainframe A term frequently used to distinguish large computer systems from mini- or microcomputers. A mainframe system is often designed to receive input from a number of terminals.

Membrane keyboard A keyboard whose individual keys are located under a flexible surface with no openings in it. The user activates the keys by pressing on the membrane.

Memory A system for storing data (information or programs) electronically. Data may be stored on tapes, on disks, or in circuitry. The two types of memory in the circuitry of a computer are ROM and RAM (see these definitions).

Menu A set of selections presented to the user of a computer or electronic aid, usually on a screen or other electronic display. If a program is "menu-driven," this usually means that the user can execute it largely by selecting from menus which the program offers.

Microcomputer An individual and discrete computer system, such as the type most people purchase for home use. This term contrasts with mainframe, a term commonly used to describe larger computer systems which accept input from various terminals, and which generally have larger memory and processing capacities.

Microprocessor The heart of a microcomputer system, the microprocessor is the circuitry that actually does the "computing." Any device which contains a microprocessor, even if it is not a computer per se, can be referred to as "microprocessor-based."

Modem A device which can transmit computer data over telephone lines.

Monitor The TV-like device which displays a video image of the data entered on a computer. Commonly referred to simply as the screen, or sometimes the CRT.

Operating System The program that allows the various parts of a computer system (the disk, the monitor, printers, etc.) to "talk" to each other. The operating system is usually the first thing "loaded" after a computer is turned on, as most other programs require it in order to run.

Optical character reader (OCR) A device which can optically analyze a printed text, recognize the letters or other characters, and store this information as a computer text file. OCRs are usually limited to recognizing the styles and sizes of type for which they are programmed.

Output Anything produced by a computer or any other device, and sent outward from that device. Output may be sent to another computer, to a peripheral, or to some display system such as a monitor.

Overlay A group of symbols, pictures, words, characters, etc. which are placed over the keyboard of a computer or communication device, or over the display of a communication device. The overlay usually reflects what output will be generated when a key is pressed or a selection is made, but for devices with no output other than the indication that a selection has been made, the symbol itself may serve as the message communicated.

Parallel port One type of interface whereby a computer or communication device is connected to another computer or communication device, or to some peripheral input or output device. The connection is frequently located on the back panel of a microcomputer.

Peripheral Any hardware that is separate from the computer itself: printers, speech synthesizers, disk drives, etc.

Phoneme, phonetic spelling A phoneme is a single discrete unit of sound used in speech. Phonetic spelling uses a character for each phoneme, rather than representing pronunciation indirectly as standard spelling does.

Plug In an electrical connection using a male and a female connector, the plug is the male connector. In this volume, the term plug has been frequently used solely to indicate the size and type of connector, and may refer to a device which is actually outfitted with a jack. See also jack.

Port An input/output connection on a computer. Frequently located on the back panel of microcomputers.

Position Any potentially selectable area in a scanning array; for instance, a 10 x 10 array may have 100 positions. When a position is selected, it is considered a selection. Positions are also known as locations.

Program A series of instructions to a computer. A program is what allows the computer user to execute some task on the computer (see software). Commercially available programs are frequently sold stored on disks, but programs may also be written directly on a computer or purchased in firmware form (see firmware).

RAM Random Access Memory. This is the type of memory in a computer where data is placed while it is in use. A program on a disk, for instance, is loaded into the computer's RAM before being run. RAM is cleared when a computer is shut off, however, and so the program must be stored again after being used. Computers are often described in terms of their RAM capacity: a "128K" computer has a RAM capacity of approximately 128,000 bytes (characters) of information. See also disk, memory, ROM.

Refreshable braille display Also known as a dynamic braille display, this type of system uses a set of braille cells, each consisting of six or eight retractable electronically operated reeds. An electronic code sent to the system raises and lowers the reeds to form braille characters which the user can sense by placing the fingers on top of the display. When the display is full, the first cell recomposes itself and the display fills up again. Some displays also scroll.

ROM Read Only Memory. This is permanent memory built into a computer's circuitry by the manufacturer. See RAM.

RS-232 An interface standard for the serial port of a computer or microprocessor-based communication device. Serial ASCII code can be sent via an RS-232 interface.

Scanning A technique for making selections on a communication aid, computer, or environmental control system. Scanning involves moving sequentially through a given set of choices, and making a selection when the desired position is reached. Common physical forms for scanning arrays are menus on a computer screen, grids of squares with lights which light sequentially, and dial faces (like clocks) with pointers which revolve to point to symbols. Types of scanning include automatic, manual, row-and-column, and directed. In automatic scanning, the system scans automatically once started, and the user activates a switch momentarily to stop the scanning. Once stopped, the scanning sequence must be recommenced by another switch. In manual scanning, the user activates a switch continuously to scan the choices, releasing the switch to stop. In row-and-column scanning, the user selects first the row in a grid, then the column. Directed scanning involves using multiple switches or a joystick to scan in the desired direction. See also direct selection.

Semantic compaction A technique for reducing the number of selections a user must make to generate a phrase on a voice-output communication aid. Symbols for semantic units are used rather than number or letter codes (see encoding).

Serial port One type of interface for communication between a computer or electronic communication aid and another computer, electronic communication aid, or peripheral. The fact that two devices both have a serial port, however, does not automatically mean that information can be transferred between them flawlessly.

Software The part of a computer system which is not tangible, that is the programs or information that are processed by a computer or stored in memory. Commercially available software is usually sold in the form of a program or programs stored on a disk. See firmware, hardware, program, disk.

Speech digitizer A device which analyzes speech and converts particular sounds or utterances into digital patterns which can be stored just as other data is stored on a computer. These digital patterns can also be reconverted into their original sounds, allowing the computer to act as a digital "tape recorder." Speech digitization is also used in voice recognition systems. See speech synthesizer, voice recognition.

Speech recognition See voice recognition.

Speech synthesizer In contrast to the speech digitizer, which records and plays back what it "hears," the speech synthesizer receives input in the form of electronic text characters (letters, numbers, punctuation), and converts the discrete characters or words into artificial speech. Most speech synthesizers have a memory and processing system that applies standard pronunciation rules to determine the correct pronunciation. Synthesizers tend to sound more mechanical than digitizers; on the other hand they do not require that each and every phrase to be spoken be recorded beforehand, and they tend to use less memory storage space.

Spreadsheet A type of applications program that is designed for adding, editing, and manipulating tabulated information.

Synthesizer See speech synthesizer.

Talking screen program A program which speaks the contents of the computer's screen via a speech synthesizer. Such a program is usually also equipped with a system that allows the user to "navigate," or find his way around the screen, without the necessity of seeing the screen.

TDD Telecommunication Device for the Deaf. A device which allows a person to transmit typed-in messages over phone lines. Most TDDs have a keyboard for sending messages and an electronic display and/or printer for receiving them. In most cases, people on both ends of the line must have a TDD in order to communicate. TDDs transmit a standard code (see Baudot).

Terminal A device for entering data on the type of computer system which accepts data from more than one source at a time. The typical terminal has a keyboard for entering data and a screen for reviewing the data entered. A terminal does not process information in itself, but sends it on to the host computer system.

Toggle A switching action wherein the switch is turned on with one motion, off with another. Contrasts with momentary contact, wherein a switch remains on or off only while it is being activated by the user, reverting to its "normal" state (either on or off) as soon as it is no longer being activated. A common toggle switch is a wall switch for a light. This action can also be known as latching.

Touch Pad, Touch Screen Devices which allow a person to generate input to a computer by pressing on their surface. A touch pad is usually a continuous membrane surface divided into areas, each of which generates a different input (a character, command, etc.). A touch screen fits over the standard computer screen, and functions similar to a touch pad. Touch pads and screens are frequently used to make selections from menus or to create graphics.

Transparent Usable with all or an entire major class of software. This term is usually applied to a program or device which is usable with nearly all software appropriate to the computer system for which the program or device is designed. One should never assume that a device or program is absolutely transparent to all software without checking with the manufacturer.

Voice Recognition A technique used to recognize certain spoken utterances. A voice recognition system is "trained" to recognize an utterance by digitally encoding it once or several times (see speech digitizer). Thereafter when the system "hears" a phrase spoken, it compares it to the patterns for the utterances it has "heard" before, and matches it to one. All utterances to be recognized must be individually trained, and due to present limits on the technology, the maximum length of a recognized word or phrase is about two seconds. Voice recognition is commonly used in voice input systems for computers, which send a given input to the computer for each recognized utterance.

Word Processor A type of applications software that is used to enter, edit, manipulate, and format text. In order to be considered a word processing program rather than a simple text entry and editing program, a program should have fairly sophisticated capabilities.

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Appendix C

Manufacturers Listed with their Products

This appendix includes the name, address, phone and a list of products for every manufacturer in the three-book series. Manufacturers are listed alphabetically. The book-page location for each of the manufacturer's products follows the product name. The appendix provides the necessary contact information about the manufacturers, and also allows you to locate a product description when all you know is the name of a manufacturer.

AbleNet
Cerebral Palsy Center, Inc., 360 Hoover Street, Minneapolis, MN 55413
(612) 331-5958

- AbleNet Control Unit *1-15*
- AbleNet Switch 100 *2-5*
- Battery Device Adapter *1-17*

ACS Communications
250 Technology Circle, Scotts Valley, CA 95066
(800) 538-0742

- Dynamate 1200 *2-50*
- Dynamate 2000 *2-50*

ACS Telecom
25825 Eshelman Av., Lomita, CA 90717
(213) 325-3055

- ACS Medicom Computer System *3-23*

Adaptive Communication Systems, Inc.
994 Broadhead Road, Suite 202, Coraopolis, PA 15108
(412) 264-2288

- AllTalk *1-63*
- ControlPAC *2-48*
- HX-20 Protective Cover *3-6*
- Keyguard *3-8*
- Light Pointer *1-11*
- PhotoPAC/EvalPAC *1-71*
- ScanPAC/Epson *1-74*
- SpeechPAC/Epson *1-76*
- ToyPAC *1-33*
- Trine System (ACS) *1-80*

Adaptive Peripherals, Inc.
4529 Bagley Avenue North, Seattle, WA 98103
(206) 633-2610

- Adaptive Firmware Card *3-24*
- Talking Scanner *3-279*
- Talking Unicorn *3-280*
- Talking Word Board *3-341*

Adaptive Technology, Inc.
5334 72nd Circle North, Brooklyn Center, MN 55429
(612) 560-0861

- Keylocks *3-12*
- Keyshields *3-13*

Advanced Computer Services
Frostproof, FL 33843
(813) 646-6622

- Deafsign *3-210*

AESIR Software Engineering
P.O. Box 5383, Pinedale, CA 93650
No Phone

- AARON *3-307*

AIMS Media
6901 Woodley Avenue, Van Nuys, CA 91406
(800) 367-2467, (818) 785-4111

- Getting Started in Arithmetic Series (and Sam's Store) *3-223*

Alpha Software
Burlington, MA 01803
(617) 229-2924

- Keyworks *3-37*

American Communication Corporation
1040 Roberts Street, East Hartford, CT 06108
(203) 289-3491

- Amcom C *1-89*

American Printing House for the Blind (APH)
Dept. O0686, P.O. Box 6085, Louisville, KY 40206
(502) 895-2405

- Talking Apple Literacy Kit *3-277*

Amidon Publications
1966 Benson Ave., St. Paul, MN 55116
(612) 690-2401

- Computer CUP *3-205*

Ankney, Barry R.
Rural Route, Washburn, IL 61570
(309) 248-7447

- Math Scan *3-241*

Apercom Corporation
721 Linda Court, San Mateo, CA 94403
(415) 572-1464

- LimeLight *3-89*

Arroyo & Associates
88-45 79th Avenue, Glendale, NY 11385
(718) 849-9306

- Delay Timer *1-21*
- E-Tran Scanner *1-23*
- Poc-Ett System *1-25*

Artic Technologies
2234 Star Court, Auburn Heights, MI 48057
(313) 435-4222

- Artic Vision *3-81*
- SynPhonix 100 *3-122*
- SynPhonix 200 *3-123*
- Synphonix jr *3-123*

ARTS Computer Products, Inc.
145 Tremont Street, Suite 407, Boston, MA 02111
(617) 482-8248

- Expand-a-View *3-86*
- PC Lens *3-91*
- PC Voice *3-93*

Asahel Engineering, Inc.
N.E. 820 California Street, Pullman, WA 99163
(509) 332-2205

- Asaflex Model TS *2-7*

ASIEP Education Company
3216 NE 27th, Portland, OR 97212
(503) 236-1317

- AIMstar *3-147*
- ASIEP Computer Scoring and Interpretation *3-149*
- PRE-MOD II *3-161*

Aspen Systems Corporation
P.O. Box 6018, Gaithersburg, MD 20877
(800) 638-8437, MD (301) 251-5233

- Language Stimulation Series *3-234*

Assembly Corner
P.O. Box 151, Maynard, MA 01754
(617) 897-7749

- Textalk *3-343*

AT & T
2001 Route 46, Parsippany, NJ 07054
(800) 233-1222

- Directel *2-49*
- Electronic Artificial Larynx *1-3*
- Handset for Speech Amplification *1-4*
- Medical Alert *2-80*
- Operator Dialer *2-59*
- Raised Face-Plate *2-61*

Audio Tone Company
2422 West Holly, Phoenix, AZ 85009
(602) 254-5888

- Talk Tone *1-97*

Aurex Corporation
337 South Franklin Street, Chicago, IL 60606
(312) 939-0431

- Neovox *1-4*

Baggeboda Press
1128 Rhode Island Street, Lawrence, KS 66044
(913) 842-0490

- PICSYMS Categorical Dictionary *1-51*

Bainum Dunbar, Inc.
6427 Hilcrest, Suite 133, Houston, TX 77081
(713) 988-0887

- Brainz *3-196*

Ballard & Tighe, Inc.
480 Atlas Street, Brea, CA 92621
(800) 321-4332, CA (714) 990-4332

- Basic Vocabulary Builder on Computer *3-192*
- Elephant Ears *3-213*
- IDEA Cat *3-227*
- Mouse Math *3-248*

BAUD
1158 Steward Avenue, Bethpage, NY 11714
(516) 433-0171

- Rapsheet *3-333*
- Blazing Paddles *3-299*

Bayman, Benjamin
3611 Abbott Avenue South, Minneapolis, MN 55410
(612) 920-1358

- Large Print Word Processor *3-323*

Baysik Speech
P.O. Box 891, Menlo Park, CA 94026
(415) 854-1772

- SAYIT *3-140*

Beagle Bros., Inc.
3990 Old Town Avenue, Suite 102C, San Diego, CA 92110
(619) 296-6400

- MacroWorks *3-14*

Bear Medical Systems, Inc.
9340 Narnia Dr., Riverside, CA 92503
(800) 331-2327

- Venti-Voice *1-6*

Behavioral Engineering
230 Mt. Hermon Road, Scotts Valley, CA 95066
(408) 438-5649

- Mind Master *3-39*

Berkeley System Design
1708 Shattuck Avenue, Berkeley, CA 94709
(415) 540-5537

- inLARGE *3-87*

Birch, Jana
2346 Wales Drive, Cardiff, CA 92007
(619) 942-3343

- Catch the Cow *3-173*

Blissymbolics Communication Institute
350 Rumsey Road, Toronto, ON M4G 1R8
CANADA
(416) 444-6605

- Blissymbol Vocabulary Stamps *1-41*

Borland International
4585 Scotts Valley Drive, Scotts Valley, CA
95066
(408) 438-8400

- SuperKey *3-19*

Brain-Link Software
317 Montgomery, Ann Arbor, MI 48103
(313) 995-0604

- Function Recognition *3-223*
- Memory Patterns *3-244*
- Preposition Recognition *3-257*
- Reading Recognition *3-262*
- Visual Recognition *3-289*
- Word Recognition *3-294*

Brighter Pathways
P.O. Box 20101, Billings, MT 59104
(406) 656-0045

- Brighter Pathways Communication Symbols and Grids *1-41*

Brown & Company, Inc.
P.O. Box 2443, South Hamilton, MA 01982
(617) 468-7464

- PC-Pedal *3-16*

ButtonCount Software Company
10148 Lasso Lane, Shreveport, LA 71106
(318) 226-7806

- ButtonCount Switch Assessment *3-172*

C.C. Publications, Inc.
P.O. Box 23699, Tigard, OR 97223
(800) 547-4800, (503) 692-6880

- Assessment of Intelligibility of Dysarthric Speech *3-171*
- Basic Language Series-Spatial Concepts *3-192*
- Learning Workshop *3-235*
- Ollie Series *3-249*

Cacti Computer Services
130 9th Street S.W., Portage la Prairie, MB R1N
2N4 CANADA
(204) 857-8675

- Cacti Word Processor *3-311*
- Comm-Prog *3-313*
- Pressure Sensitive Expanded Keyboard *3-43*

Canon U.S.A., Inc.
One Canon Plaza, Lake Success, NY 11042
(516) 488-6700

- Canon Communicator M *1-63*
- Handy Terminal *1-67*

Castle Special Computer Services
9801 San Gabriel Street N.E., Albuquerque, NM
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(505) 293-8379

- Spellist *3-273*
- Coinsnkeys *3-202*

Cerebral Palsy Research Foundation of Kansas, Inc.
2021 North Old Manor, P.O. Box 8217, Wichita,
KA 67208
(316) 688-1888

- Variable Position Scanner *1-34*

Chatterbox Voice Learning Systems
29 Elk Ridge Lane, Dept. C, Boulder, CO
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(800) 531-5314, TX (800) 292-5619

- Chatterbox Dictionary *3-198*
- Voice English Language Development *3-291*
- Voice Math *3-291*
- Voice Reading Ability Drill *3-292*

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1019 Martinique, Dallas, TX 75223
(214) 827-7734, (214) 357-1276

- Lister Talker *3-324*

Cleo, Inc.
3957 Mayfield Road, Cleveland, OH
(216) 382-9700, (800) 321-0595

- Adjustable Head Pointer *1-9*
- Cleo Communication Board *1-42*

Clinical Speech Systems, Inc.
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(414) 869-2880

- FingerSpeller *3-217*

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- Clinical Data Manager *3-151*
- Comprehensive Phonemic Inventory for Children, 2.0 *3-174*
- Computer Assisted Instruction in Phonological Process *3-204*
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- Drills in Language Concepts *3-211*
- Frenchay Dysarthria Assessment *3-154*
- Talk About A Walk *3-277*
- VARP: Vocal Abuse Reduction Program *3-287*
- Word Class Inventory for School Age Children *3-167*

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(816) 453-2010

- Command Telephone System *2-47*

Commetrics, LTD
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CANADA
(514) 672-4534

- Talking 100 *1-78*

Communication Enhancement Clinic
Children's Hospital Medical Center, 300
Longwood Avenue, Boston, MA 02115
(617) 735-6466

- Message Maker *3-327*
- Scan & Speak *3-264*
- Target *3-280*
- Touch & Speak *3-344*
- Type & Speak *3-345*

Communication Habilitation Service
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(205) 967-2050

- Software Simulations of Communication Prostheses *3-182*

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- Computer Courseware for the Exceptional Student *3-204*
- Computer Managed Articulation Diagnosis *3-174*
- Computer Managed Articulation Treatment *3-205*
- Computer Managed Language Treatment *3-206*
- Computer Managed Screening Test *3-175*
- Idioms in America *3-227*
- Pictures, Please! *1-53*
- Planning Individualized Speech & Language Intervention *3-160*

Communications Applied Technology
11150-14 Roger Bacon Drive, Reston, VA 22090
(703) 481-0068

- R/S II Series Wireless Link *3-75*

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Francisco, CA 94114
(415) 441-3088

- Communitree - First and Second Editions *3-314*

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(612) 437-1350

- Finger Print *3-133*
- Triple Dump *3-142*

Compu-Tations, Inc.
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- Special Skill Builders I & II *3-270*

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- Evaluation System *3-176*
- EZBAS *3-132*
- Hand Switch *2-17*
- Handi-Routine *3-135*
- Head Switch *2-18*
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- Keyguard *3-9*
- Multiple Switch Box for the Adaptive Firmware Card *3-73*
- Paddle Adapple *3-73*
- Picture Communication *3-331*
- Puff Switch *2-32*
- Wobble Switch *2-41*
- Word Communication *3-348*

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- Screen-Talk Pro *3-96*
- Talking Sensible Speller *3-339*
- Word-Talk *3-348*

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(718) 948-2748

- Lightpen Programs for Special Education I & II *3-237*

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(818) 331-0413

- Quiet Duck Learning Series *3-259*

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(313) 736-3774

Electronic 31 Day Calendar *3-317*
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Speak-A-Label *3-335*
Speech Writer *3-336*
Tele-Talk *3-342*

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(215) 820-4065

Computerized Enabling System *3-315*

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(714) 848-1122

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Maze *3-243*
Sentence-Scan *3-334*
Talking Wheelchair *3-340*
Trace Math Aid *3-285*
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Conover Company, The
P.O. Box 155, Omro, WI 54963
(414) 685-5707

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Microcomputer Evaluation of Career Areas (MECA) *3-179*
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STIM-U-LITE *1-28*
Survival Words *3-275*
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Control Data Corporation
Disability Services, 7600 France Avenue South, Minneapolis, MN 55435
(612) 853-8100

JOBS System *3-178*
SAGE System *3-181*

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2020 Irving Park Road, Chicago, IL 60618
(312) 866-8195

Keyguards *3-10*

Courage Center
Rehabilitation Engineering, Golden Valley, MN 55422
(612) 588-0811

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(612) 537-4910

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(503) 342-1271

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Talking Pictures Communication Board *1-57*
Talking Pictures, Kits I, II, and III *1-57*
Tape-A-Message *1-30*
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(416) 533-4494

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(312) 438-3476

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Electric Copyholders *2-52*

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Fay's Word Rally *3-215*
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(603 884-8991

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DLM Teaching Resources
P.O. Box 4000, One DLM Park, Allen, TX 75002
(800) 527-4747, TX (800) 442-4711

Compuscore: For the Scales of Independent Behavior *3-152*

Domowicz, Jeff (for information)
Lake Erie Institute of Rehabilitation, 137 W. 2nd Street, Erie, PA 16507
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Dragon Systems, Inc.
55 Chapel Street, Newton, MA 02158
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- LogicMaster *3-238*
- Logo TouchTools for the PowerPad *3-239*
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- PowerPad *3-64*
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- SimpleCom II: Needs/Wants Communication *3-266*

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1200 Salem Avenue, Hillside, NJ 07205
(201) 355-1690

- Lenical *3-236*
- Lenipen PC *3-136*

Duxbury Systems, Inc.
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- Duxbury Braille Translator *3-316*

Dvorak International
11 Pearl Street, Brandon, VT 05733
(802) 247-6020

- Dvorak Keyboard Modification Programs *3-4*

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1064 Gravel Road, Webster, NY 14580
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- Primer 83 *3-257*

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- H:1 Handicapped Word Games *3-300*
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- Talking Hands *3-278*

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- Edmark Reading Program, Level 1 *3-212*

Educational Activities, Inc.
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- Visual/Perceptual Diagnostic Testing & Training Progs. *3-184*
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- Magic Music Teacher *3-301*

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- Ten Key Board *3-64*

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- Magnicomp *3-326*
- MagniLink *3-90*

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- Enable Reader *3-85*
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(415) 543-7644

- QuickWord *3-45*

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(517) 694-9737

- Switchboard *1-77*

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- Talking TermExec *3-97*

Expert Systems Software, Inc.
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- Omnibox *3-63*
- Switchmaster *3-275*
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- First Shapes *3-218*
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- Easy Programmer *3-317*

Handicapped Children's Computer Cooperative Project
c/o Sherwood Center, 7938 Chestnut, Kansas
City, MO 64132
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- Color Find *3-202*
- Letter Find *3-236*
- Rabbit Scanner *3-260*
- Sight Word Spelling *3-265*
- The Adventures of Jimmy Jumper - Prepositions *3-282*
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Handicapped Children's Technological Services, Inc.
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- Tilt Switch *2-37*
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Hanley Associates
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- Bobcat *3-195*

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(603) 448-3838

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- Listen to Learn *3-238*
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- Response Optimizer *3-140*

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- Eye-Com Board *1-46*
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- Touch 'N Talk Communication Notebook *1-58*
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- Compu-Lenz *3-84*

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- VocaLink Cellular Module *2-70*
- VocaLink CSRB-LC *3-50*
- VocaLink Series 4000 *3-51*
- VocaLink SYS300 *3-51*
- VocaLink VRT300 *3-52*

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(313) 540-7601

- ICOMM *1-68*
- Intex-Talker *3-118*
- SpeechAid *1-76*

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- K Talker *3-87*

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(414) 327-4051

- Speller Teller *1-27*

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(913) 842-4016

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- Visi-Pitch Model 6095 *3-288*

Kennedy Memorial Hospital for Children Education Dept.
30 Warren Street, Brighton, MA 02135
(617) 254-3800, ext. 189

- Kennedy Handi-Math Program *3-229*
- Kennedy Switch Key Software *3-136*

Key Tronic
P.O. Box 14687, Spokane, WA 99214
(800) 262-6006, WA: (509) 928-8000

- Key Tronic Plug-Compatible Keyboards *3-7*
- Speech Recognition Keyboard *3-48*

Kindermath
P.O. Box 712, Devon, PA 19333
(215) 687-1331

- Kindermath II *3-233*

Kinetic Designs, Inc.
4113C Bridgeport Way, Tacoma, WA 98466
(206) 565-6727

- Filch *3-4*

Kingware
Box 1567, Nome, AK 99762
(907) 443-5603

- Access-Ability *3-23*

Koala Technologies Corporation
269 Mount Herman Road, Scotts Valley, CA
95066
(408) 438-09[illegible]

- Gibson Light Pen System *3-62*
- KoalaPad *3-62*

Krown Research, Inc.
6300 Arizona Circle, Los Angeles, CA 94005
(213) 641-4306 (voice or TTY)

- Porta Printer Plus MP20 *1-92*
- Porta Printer Plus MP20D *1-93*
- Porta Printer Plus MP40D *1-93*
- Porta View Junior/Model 32 *1-94*
- Print-A-Call *1-94*

Kurzweil Applied Intelligences
411 Waverly Oaks, Waltham, MA 02154
(617) 893-5151

- Kurzweil Voicesystem *3-38*

KY Enterprises/Custom Computer Solutions
3039 East 2nd Street, Long Beach, CA 90803
(213) 433-5244

- Apple Adaptor *3-69*
- EZRA *2-54*
- FingerTip Controller *3-31*
- Head Switch *2-18*
- Modified Joystick *2-25*
- Mouth Operated Controller for Quads *3-41*
- Multi-Game Board *3-138*
- Tongue Controller *3-49*

Lakeland Products
21 Birnamwood Drive, Burnsville, MN 55337
(612) 890-7123

- Automatic Page Turner *2-46*

Lambert Software Company
P.O. Box 171277, San Diego, CA 92117
(619) 492-9721

- K.L.S. - Cognitive Educational System *3-229*

Language Analysis Lab, Waisman Center
1500 Highland Avenue, Madison, WI 53705
(608) 263-5408

- SALT (Systematic Analysis of Language Transcripts) *3-161*

Laureate Learning Systems, Inc.
1 Mill Street, Burlington, VT 05401
(802) 652-4755

- Audible Career Explorer *3-172*
- Fast Access Scan Talker *3-318*
- First Categories *3-218*
- First Verbs *3-219*
- First Words *3-219*
- First Words II *3-220*
- Following Directions *3-221*
- Learning Left and Right *3-235*
- Micro-LADS *3-179*
- Speak Up *3-335*
- Twenty Categories *3-285*

Learning Tools, Inc.
686 Massachusetts Avenue, Cambridge, MA
02139
(617) 864-8086

- Individualized Planning System *3-157*

Life Science Associates
1 Fenimore Road, Bayport, NY 11705
(516) 472-2111

- Apple IIe Input Adapter *3-70*
- Arithmetic 1,2, and 3 with Speech *3-191*
- Cogrehab Vol. 1 *3-200*
- Cogrehab Vol. 2 *3-200*
- Cogrehab Vol. 3 *3-201*
- Cogrehab Vol. 4 *3-201*
- Keys to Success: Comp. Keybd. Skills for Blind Children *3-232*
- Repeat Defeat *3-17*
- Task Master *3-281*

Lind Electronic Design
3857 Louisiana Avenue South, St. Louis Park,
MN 55426
(612) 927-6303

- Prairie Power Portable IIc System *3-139*

Linear Electronics
2055 Corte del Nogal, Carlsbad, CA 92008
(800) 421-1587

- Linear Alert ET-1A *2-80*

LinguiSystems
716 17th Street, Moline, IL 61265
(800) 255-8463, IL (800) 851-8237

- Teaching Vocabulary LinguiDisks *3-281*
- Automated IEP System and SCOR Goal Banks *3-150*
- HELP Linguidisks *3-225*
- WALC LinguiDisks *3-292*

Lorin Software
365 Brassie Drive, Orlando, FL 32804
(305) 423-7547

- Illustrations *3-321*
- Type-Talk *3-286*

Lovejoy Electronics
35 Garrison Street, Portland, ME 04102
(207) 774-9421

- Lite Touch *3-38*

Luminaud, Inc.
8688 Tyler Boulevard, Mentor, OH 44060
(216) 255-9082

- Clamp-On Bump Switch *2-11*
- Cooper Rand Electronic Speech Aid *1-3*
- Finger Flex Switch *2-15*
- Headband Switch *2-18*
- Magnetic Finger Switch *2-22*
- Mercury Tilt Switch *2-23*
- Pressure Switch *2-32*
- Rand Voice Amplifier *1-5*
- Voicette *1-6*

Maddak, Inc.
Pequannock, NJ 07440
(201) 694-0500

- Adjustable Head Pointer *1-10*
- Air Switch Kits *2-6*
- Automaddak Page Turner *2-45*
- Mouth Held Page Turners *1-11*
- Page Turner *2-60*
- Plate Switch *2-28*
- Puff'N Buzzer Switch *2-81*
- Squeeze Type Switches *2-36*

Marble Systems
21805 Zumbrota Northeast, Cedar, MN 55011
(612) 434-3704

- Early Learning I *3-211*
- Early Learning II *3-212*
- Mix 'N Match *3-247*

Maryland Computer Services, Inc.
3132 Southeast Jay Street, Stewart, FL 32497
(305) 288-2080

- Automatic Form Writer *3-308*
- Braille Translation Software *3-310*
- Cranmer Modified Perkins Brailler *3-105*
- PC Reader *3-42*
- Ready Reader *3-45*
- Romeo Brailler *3-109*
- V.P. *3-99*

Mayer-Johnson Company
P.O. Box AD, Solana Beach, CA 92075
(619) 481-2489

- Communication Binder *1-43*
- Communication Folder *1-43*
- Individualized Communication Systems *1-48*
- Life Experiences Communication Kit *1-48*
- Picture Communication Symbols, Book I and Book II *1-52*
- Pocket-Sized Communication Book *1-53*
- Practice Communication Cards *1-55*

McCuiston, Ronald S.
5795 Adelyn Road, Pensacola, FL 32504
(904) 476-8916

- Handi-Keys *3-5*

MCE Inc.
157 Kalamazoo Mall, Suite 250, Kalamazoo, MI
49007
(616) 345-8681

- Job Readiness Series *3-228*
- Job Survival Series *3-228*
- The Lost R -- Reasoning *3-282*

MECC (Minnesota Educational Computing Consortium)
3490 Lexington Avenue, North, St. Paul, MN
55112
(612) 481-3500

- Blissymbolics: Bliss Drills *3-194*
- Blissymbolics: Bliss Library *3-309*
- Blissymbolics: Blissboard *3-310*
- Blissymbolics: Blissymbol Concepts *3-194*
- Counting Critters *3-209*
- Guessing and Thinking *3-224*
- Paint With Words *3-250*
- Special Needs Volume 1 - Spelling *3-269*
- Special Needs Volume 2 - Simulations & Drills *3-270*

Med Labs
7036 Madera Drive, Goleta, CA 93017
(805) 968-2486

- E-Z Call *2-77*
- PA-1 Portable Alarm *2-81*

Medical Equipment Distributors, Inc.
3223 South Loop 289, Suite 150, Lubbock, TX
79423
(806) 793-8421

- Air Switch *2-6*
- Button Switch *2-9*
- Light Touch Lever Switch *2-22*
- MicroDEC II *2-57*
- Rocker Switch *2-33*

Merritt Computer Products, Inc.
2925 LBJ Freeway, Suite 180, Dallas, TX 75234
(214) 339-0753

- SafeSkin Keyboard Protector *3-18*

Methods & Solutions, Inc.
82 Montvale Avenue, Stoneham, MA 02180
(617) 438-5454

- Picture Perfect *3-302*
- Race the Clock *3-260*

Micro Connection, Inc.
P.O. Box 198, Bedford, MA 07130
(617) 274-8112

- Hope *3-5*

Micro Engineering
955 Camino La Maida, Thousand Oaks, CA
91360
(805) 492-1003

- Micro Braille *3-327*

Micro Video
314 N. First Street, P.O. Box 7357, Ann Arbor, MI 48107
(313) 996-0626
Video Voice *3-288*

Micro-Ed
P.O. Box 444-005, Eden Prairie, MN 55344
(612) 944-8750
Point and Read *3-254*

Microcomputer Systems for the Handicapped
10418 Armstrong Street, Fairfax, VA 22030
(703) 352-3611
Choice Maker I *3-198*
Talking Aid *3-338*

Microphonics Technology Corporation
25 37th Street Northeast, Suite B, Auburn, WA 98002
(800) 325-9206
Pronounce *3-43*

MicroTalk Software
337 S. Peterson Av., Louisville, KY 40206
(502) 896-1288
ProTERM *3-94*
ProWORDS *3-332*

Microtech Consulting Company
206 Angie Drive, P.O. Box 521, Cedar Falls, IA 50613
(319) 277-6648
Micro-Interpreter I (Fingerspeller) *3-245*
Micro-Interpreter II (CAV-ASL) *3-246*

Midwest Health Programs, Inc.
P.O. Box 3023, Urbana, IL 61801
(217) 367-5293
PC-Fingers *3-252*

Morning Star Software, Inc.
P.O. Box 5364, Madison, WI 53705
(608) 233-5056
Fact Master *3-215*

Mountain Computer
360 El Pueblo Road, Scotts Valley, CA 95066
(800) 458-0300, (408) 438-6650
Supertalker *3-122*

Murray, Fr. Bradley (for information)
19 I Street Northwest, Washington, DC 20001
(202) 842-1650
CTRL & ALT Key Adaptive Program *3-3*

National Institute for Rehabilitation Engineering
97 Decker Road, Butler, NJ 07405
(201) 838-2500
Large Type *3-323*

National Technical Systems
26525 Golden Valley Road, Saugus, CA 91350
(213) 568-8750
Sound Activated Light Switch *2-63*

Nationwide Flashing Signal Systems, Inc.
8120 Fenton Street, Suite LL100, Silver Spring, MD 20910
(301) 589-6670 TDD, (301) 589-6671
Wireless Alerting Systems *2-84*

NEC America, Inc.
8 Old Sod Farm Road, Melville, NY 11747
(516) 753-7361
DP-200 Connected Speech Recognizer *3-61*
SAR-10 Voice Plus *3-46*
SR-100 Voice Input Terminal *3-48*

Network Services
1915 Huguenot Road, Richmond, VA 23235
(804) 379-2253
CAPTAIN: Cognitive Training Series *3-196*

Ohm/Electronics
746 Vermont Street, Palatine, IL 60067
(312) 359-5500
Scooter Zero Force Game Port *3-141*

Ohtsuki Communication Products, Inc.
1399 Ygnacio Valley Road, Suite 24, Walnut Creek, CA 94598
(415) 947-3148
Ohtsuki Printer *3-108*

P.O. Vox Medical, Inc.
P.O. Box 6427, Hilton Head Island, SC 29938
(803) 686-2994
P.O. Vox *1-4*
P.O. Vox Companion *1-5*

Pa-Da Enterprises
8785 Martz-Paulin Road, Franklin, OH 45005
(513) 746-9487
EDACTS Keyboard *3-27*

Palmetto Technologies, Inc.
P.O. Box 498, Duncan, SC 29334
(803) 576-2886 (voice or TTY)
Echo 2000 *1-90*

Parallel Systems, Inc.
P.O. Box 58435, Vancouver, BC V6P 6K2
CANADA
(604) 261-4106
Keasyboard *3-35*

Parrot Software
P.O. Box 1139, State College, PA 16804
(814) 237-7282
Aphasia Series: I through VIII *3-190*
Catagorical Reasoning I and II *3-197*
IEP Writer *3-156*
Individual Performance Graph Pak *3-156*
Language Intervention Planner *3-158*
Minimal Contrast Therapy *3-246*
Parrot Easy Language Sample Analysis (PELSA) *3-158*
Phonological Process Tutor *3-253*
Pictures Programs: I, II and III *3-253*
Process Analysis Version 2.0 *3-180*

PEAL Software
1725 Promenade, #323, Santa Monica, CA 90401
(213) 451-0997
Exploratory Play *3-214*
Keytalk *3-233*
Representational Play *3-263*

Personal Micro Computers, Inc.
275 Santa Ana Ct., Sunnyvale, CA 94086
(408) 737-8444
Electronic Typing Fingers *3-106*

Personal Touch Corporation
4320 Stevens Creek Blvd., Suite 290, San Jose, CA 95129
(408) 246-8822
Touch Window *3-65*

Personally Developed Software
P.O. Box 3266, Wallingford, CT 06492
(800) 426-7279
Morse Code Drills *3-248*
PC Morse Code *3-251*

Personics Corporation
2352 Main Street, Building 2, Concord, MA 01792
(617) 897-1575
HeadMaster *3-33*

Phonic Ear, Inc.
250 Camino Alto, Mill Valley, CA 94941
(415) 383-4000
VOIS 130 *1-82*
VOIS 135 *1-83*
VOIS 140 *1-83*
VOIS 150 *1-84*

Pitts Corporation
4620 North 650 East, Provo, UT 84604
(801) 225-6441
Eye-Com *1-45*

PJ Software
12810 NE 135th Street, Kirkland, WA 98034
No phone
TAG: Talking Animated Graphics *3-276*

Polarware
2600 Keslinger Road, Box 311, Geneva, IL 60134
(800) 323-0884
Graphics Magician Jr. *3-319*
Graphics Magician Painter *3-319*

Polytel Computer Products Corporation
1250 Oakmead Parkway, Suite 310, Sunnyvale, CA 94086
(408) 730-1347
Keyport 300 *3-36*
Keyport 60 *3-36*

Precision Controls, Inc.
P.O. Box 45, Haskell, NJ 07465
(201) 835-5000
COM 2000 *1-89*
Door Monitor *2-77*
Sound Monitor *2-83*
Telephone Ring Indicator *2-66*

Prentke Romich Company
1022 Heyl Road, Wooster, OH 44691
(216) 262-1984
Air Cushion Switch (Single or Dual) *2-5*
Apple Switch Interface *3-70*
Arm Slot Control *2-6*
Battery Interface *1-18*
Brow Wrinkle Switch *2-8*
Call Signal 2 *2-76*
Computer Entry Terminal *3-25*
Control 1 *2-47*
Dual Rocking Lever Switch *2-14*
Express 3 *1-65*
Keyboard Interfaces *3-72*
Keyguards *3-11*
Light Talker *1-68*
Mini Rocking Lever Switch *2-25*
Minspeak 1 *1-70*
P-Switch *2-26*
Pneumatic Switch *2-30*
PRC Joystick *2-32*
Single Rocking Lever Switch *2-35*
Television Channel Selector *2-66*
Tongue Switch *2-38*
Touch Talker *1-80*
Training Aid 2 *1-33*
Versascan *1-35*
Viewpoint Optical Indicator 6 *1-12*
Wireless Data Transmission System *3-77*
Wobble Switch *2-41*

Prometheus Software
551 Chesman Street, West Hempstead, NY 11552
(516) 485-5491
Communicator *3-314*

Psychological Software Services, Inc.
6555 Carrollton Avenue, Indianapolis, IN
46220
(317) 257-9672

Firm Grip Joystick Holder *3-133*
Foundations I *3-221*
Foundations II *3-222*
Memory I *3-243*
Memory II *3-244*
Multiport *3-139*
Paddle Panel *3-74*
Problem Solving *3-258*
PSS Joystick Adapter *3-74*
Smart Shaper *3-266*
Visuospatial Skills *3-290*

Quest Electronics
510 South Worthington Street, Oconomowoc,
WI 53066
(414) 567-9157

Silent Page System *2-82*

R.D. Clark, Inc.
Box 22, Bowling Green, IN 47833
(812) 986-2178

Nu-Vue-Cue *1-49*

R.J. Cooper & Associates
2144 South 1100 East, Suite 150, Salt Lake City,
UT 84106
(801) 263-1388

CASPT *3-197*
CompuDesk HCP *3-129*
Picture Scanner - Software for Assessment *3-180*
Point to Pictures Development Kit *3-255*
Point to Pictures Discrimination Kit *3-255*
Point to Pictures Lesson Plan Masters *3-256*

R/M Systems
22903 Fern Avenue, Torrance, CA 90505
(213) 534-1880

Compudapter *3-25*

Raised Dot Computing
408 S. Baldwin, Madison, WI 53703
(608) 257-9595

BEX *3-309*
Braille Trainer *3-195*
Hot Dots *3-320*
Super Cranmer Graphics Package *3-336*

RC Systems, Inc.
121 West Winesap Road, Bothell, WA 98012
(206) 672-6909

SCAT (Screen Articulator) *3-95*
Slotbuster *3-120*

Regenesis
810 West Broadway, Vancouver, BC V5Z 4CS
CANADA
(604) 929-2414, (604) 228-4711

Puffin Morse Code Entry System *3-44*

Rehab Technology, Inc.
Box 185, Aviston, IL 62216
(618) 654-1687

Morser *3-328*

Rehabilitation Institute of Chicago
Alan J. Brown Center, 345 East Superior
Street, Chicago, IL 60611
(312) 908-2556

RIC Easy Talker *3-333*

Rhiannon Software
3717 Titan Drive, Richmond, VA 23225
(804) 272-7770

Sarah and Her Friends *3-264*

RoseSoft, Inc.
4710 University Way N.E., Suite 601, Seattle,
WA 98105
(206) 524-2350

ProKey *3-17*

Rushakoff, G.E.
Clinical Microcomputer Laboratory, Box 3W,
Department of Speech, New Mexico State
University, Las Cruces, NM 88003
(505) 646-2801

Florida Scanner *3-134*
Single Switch Assessment Program *3-181*
Single Switch Game Library *3-303*
Talk II *3-337*

SABRE Computers International, LTD
514 Craig Lane, Villanova, PA 19085
(215) 525-4374

Brailink III *3-83*

Sbordone, Robert, PhD
Orange County Neuropsychological Group,
8840 Warner Avenue, Fountain Valley, CA
92708
(714) 841-6293

Computer Progs. for Neuropsychological Testing & Rehab. *3-206*

Schaefer, James S.
24 Ashford Road, Jackson, NJ 08527
(201) 364-3095

Basic Interpreter for the Blind *3-82*

Schneier Communication Unit
Cerebral Palsy Center, 1603 Court Street,
Syracuse, NY 13208
(315) 455-7591

Appliance Genie *3-307*
Magic Cymbals *3-326*
Quick Talk *3-332*
Say It *3-334*
Sound Match *3-268*
Type N' Parrot *3-286*

Scholastic Software
730 Broadway, Department JS, New York, NY
10003
(800) 325-6149, or (212) 505-3537

Talking Text Writer *3-279*

Scott Instruments
1111 Willow Drive, Denton, TX 76201
(817) 387-9514

Coretechs VET3 *3-26*

SEI (Sliwa Enterprises, Inc.)
P.O. Box 1052, Yorktown, VA 23692
(804) 898-8386

Master Talker *3-137*

Sensory Aids Corporation
205 West Grand Avenue, Suite 205,
Bensenville, IL 60106
(312) 766-3935

Keynote *3-88*
Viewscan Text System *3-100*

Sensory Aids Foundation
399 Sherman Avenue, Suite 12, Palo Alto, CA
94306
(415) 329-0430

Software for Visually Impaired Children *3-267*

Sentient Systems Technology, Inc.
5001 Baum Boulevard, Pittsburgh, PA 15213
(412) 682-0144

EyeTyper *1-66*
EyeTyper Model 200 *1-66*

Shea Products, Inc.
1042 West Hamlin Road, Rochester, MI 48063
(313) 656-2281

Special Friend Speech Prosthesis *1-75*

Siemens Hearing Instruments, Inc.
685 Liberty Avenue, Union, NJ 07083
(800) 631-7965

Servox *1-5*

Soft Cole
1804 Mississippi, Lawrence, KS 66044
(913) 842-6085

I Can Talk *3-226*

SOFT-X
6504 West Girard Avenue, Milwaukee, WI
53210
(414) 445-5925

TRAX PAX Talking Checkbook *3-344*
TRAX PAX Talking File Box *3-345*

SoftCap Company
P.O. Box 7113, Rochester, MN 55903
(507) 288-6729

Timothy Communications Package *1-79*

Software Development & Distribution Center
University of Wisconsin - Madison, 1025 West
Johnson, Madison, WI 53706
(608) 263-9864

PEPPER *3-159*

Software Research Corporation
3939 Quadra St., Victoria, BC V8X 1J5
(604) 727-3744

Micro Speech Lab *3-245*
Visible Speech Aid *3-289*

Software Research Technologies
2130 South Vermont Ave., Los Angeles, CA
90007
(213) 737-7663

Smartkey *3-18*

Solutions By Example
P.O. Box 1532, Westford, MA 01886
(617) 692-8570

PC Speak *3-92*

Sonoma State Hospital/Development Center
Communication Engineering, P.O. Box 1493,
Eldridge, CA 95431
(707) 938-6306

SonomaVoice *1-27*

Southern Micro Systems
716 East Davis Street, Burlington, NC 27215
(800) 334-5521

Ability-Achievement Discrepancy *3-147*
Articulation Error Analysis (AEA) *3-148*
CARA *3-173*
Stanford-Binet Computer Report (SB-CR) *3-162*
WAIS-Riter 'BASIC' *3-164*
WISC-Riter 'BASIC' *3-166*
WISC-Riter Complete *3-166*

Special Learning Ed Software (SLED)
P.O. Box 16322, Minneapolis, MN 55416
(612) 926-5820

Complete Spelling Program *3-203*

Specialized Systems, Inc.
6060 Corte del Cedro, Carlsbad, CA 92008
(619) 438-8800

SSI-100 Communicator *1-95*
SSI-220 Communicator *1-95*

SSI-240 Communicator *1-96*

Specialsoft
P.O. Box 1983, Santa Monica, CA 90406
(800) 421-6534

Fingerspeller *3-217*
Language L.A.B. *3-234*

Speech Enterprises
10622 Fairlane Drive, Houston, TX 77024
(713) 461-1666

Audio Braille Game Tutorial *3-191*
Classy Letterheads - Speak! *3-313*
E-Z Pilot II Authoring System and Training Package *3-316*
Echo Enhancement Box *3-131*
Echo/Cricket Training Disk *3-132*
Fliptrack Learning Tape Tutorials *3-134*
Fun With Math *3-222*
Illustrations *3-321*
LittleJack *3-137*
MultiScribe *3-329*
Spelling Tutor *3-272*
Study Buddy *3-273*
Talking Transcend II *3-340*
Tall Talk Prints *3-97*
Tall Talk Screens *3-98*
Tally-Talk *3-342*
Textwriter 2.0 *3-343*
Ultimate Banker *3-346*
Ultimate File Cabinet *3-346*

Speech Plus, Inc.
461 North Bernardo Avenue, Mountain View, CA 94043
(415) 964-7023

CallText 5000 *3-115*
CallText 5050 *3-115*

Speech Products, Inc.
32 Union Square E., New York, NY 10003
(212) 777-2350

Butler-in-a-Box *2-46*

Speech Systems: Illinois
715 West Main Street, Batavia, IL 60510
(312) 879-6880

Ears *3-27*
Super Voice *3-121*

SpeechMaster
64 E. 6400 South, Suite 235, Salt Lake City, UT 84107
(801) 266-3356

SpeechMaster *3-271*

Sphere Technologies, Inc.
22 Richmond Street, Providence, RI 02903
(401) 861-9400

VS1000 Voice Communications Device *3-65*

Spin-A-Test Publishing Company
3177 Hogarth Drive, Dept. CTG, Sacramento, CA 95827
(916) 369-2032

Game Power for Phonics, Plus *3-177*

SRI Distribution, Inc.
2691 Dow Avenue, Suite F, Tustin, CA 92680
(714) 544-9941

Voice Systems Package *3-55*

Steven E. Kanor, Ph.D., Inc.
8 Main Street, Hastings-on-Hudson, NY 10706
(914) 478-0960

Apple Computer Input Adapter *3-69*
Button Switch *2-9*
Clock Communicator *1-18*
Compartmentalized Communicator *1-20*
Computer Keyboard Switch *2-11*
Computer Plate Switch *2-11*
Counter Module *1-20*
Environmental Control *2-52*
Flat Air Cushion Switch *2-16*
Grip Switch *2-17*
Joystick *2-19*
Keyboard Covers *3-7*
Leaf Switch *2-20*
Lighted Extra Loud Signalling Buzzer *2-79*
Lighted Signalling Buzzer *2-79*
Lighted Vibrating Signalling Buzzer *1-23*
Perceptual Motor Trainer *1-24*
Photo Cell Switch *2-27*
Pinch Switch *2-28*
Plate Switch *2-29*
Plate Switch On Stand *2-30*
Push-On-Push-Off Module *1-25*
Rocking Plate Switch *2-34*
Sequential Scanner *1-26*
Signal Buzzer *2-82*
Sip & Puff Switch *2-35*
Small Clock Communicator *1-26*
Tilt Switch *2-37*
Timer Module *1-31*
Vertical Plate Switch *2-40*
Vibrating Sack *1-35*
Voice Activated Switch *2-40*
Wobble Switch *2-41*

Strawberry Hill Knowledge Software, Inc.
202-11961-88th Avenue, Delta, BC V4C 3C9
CANADA
(604) 594-5947

Surrounding Patterns (and other programs) *3-274*

Street Electronics Corporation
1140 Mark Avenue, Carpenteria, CA 93013
(805) 684-4593

Cricket *3-116*
Echo + *3-117*
Echo GP *3-117*
Echo PC2 *3-118*
Textalker.Blind and Other Echo Utilities *3-98*

Sunburst Communications
39 Washington Avenue, Pleasantville, NY 10570
(914) 769-5030

Magic Slate *3-239*
Muppet Learning Keys *3-63*

Sunset Software
11750 Sunset Boulevard, Suite 414, Los Angeles, CA 90049
(213) 476-0245

Holidays *3-226*
Keyboarder *3-230*
Picapad *3-160*
Understanding Questions, Sentences I & II, Stories *3-287*
Visual/Reading Drills *3-290*

Sweet Micro Systems
50 Freeway Drive, Cranston, RI 02920
(800) 341-8001

Mockingboard *3-119*

Syn-Talk Systems and Services
70 Estero Avenue, San Francisco, CA 94127
(415) 334-0586

Prompt-Writer *3-331*

T.H.E. Instrumentation & Publishing Company
P.O. Box 271751, Carrollwood Station, Tampa, FL 33688
(813) 821-5746, (813) 962-7419

PIC Word Board *1-50*
Talk Board *1-56*
Word Board *1-60*

TASH, Inc.
70 Gibson Drive, Unit 1, Markham, ON L3R 2Z3 CANADA
(416) 475-2212

Ability Switch Tester *1-15*
Automatic Message Dialer *2-45*
Button Switch *2-9*
Call Bell *2-76*
Cap Switch *2-10*
Chin Switch *2-10*
Com Board *1-19*
Cup Switch *2-12*
Cylindrical Touch Switch *2-12*
Disk Guide *3-130*
Dual Switch Latch and Timer *1-22*
Dual Touch Pad Switch *2-15*
Elementary MOD Keyboard System *3-28*
Flex Switch *2-16*
Game Paddle for Apple II Computers *3-32*
Governor *3-135*
Intercom Unicontrol *2-78*
Joystick with Pad Switch *2-19*
Keyboard Interface for Apple IIe *3-71*
Keyguards *3-11*
Keylocks *3-13*
Keyscan II *3-72*
King Keyboard *3-37*
Leaf Switch *2-20*
Lever Switch *2-21*
Micro Joystick with Push Switch *2-23*
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Mini Joystick with Pneumatic Switch *2-24*
Mini Joystick with Push Switch *2-25*
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MOD Keyboard System *3-40*
Penta Switch *2-27*
Pillow Switch *2-27*
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Pneumatic Switch *2-31*
Radio Unicontrol *2-61*
Rocker Switch *2-33*
Round Pad Switch *2-34*
Soft Switch *2-35*
Square Pad Switch *2-36*
Switch Adapter for Apple IIe and II+ Computers *3-75*
Switch Latch *1-29*
Talking 100 Communicator *1-78*
Tape Recorder Aid *2-64*
Tape Recorder with Switch Adapter *2-64*
Telephone On/Off Latch *2-65*
Tip Switch *2-38*
TOSC-2 Environmental Control System *2-67*
Toy Cable *1-32*
Treadle Switch *2-39*
TV Converter *2-68*
Ultra 4 Remote System *2-68*
Unidialer *2-69*
Voice Mate II *1-36*
Wafer Switch *2-40*

Telautograph Corporation
8700 Bellanca Avenue, Los Angeles, CA 90045
(213) 641-3690

Telewriter *1-98*

Telesensory Systems, Inc.
455 North Bernardo Avenue, P.O. Box 7455, Mountain View, CA 94039
(415) 960-0920

BraT *3-84*
Optacon *3-91*
PC Vert *3-92*
Soft Vert *3-96*
TeleBraille *1-97*
Vantage *3-99*
VersaBraille *3-111*
VersaPoint Braille Embosser *3-111*
Vert Plus *3-100*
Vista *3-101*

Terpenning, Joseph L.
25 Rose Hill Park, Cornwall, NY 12518
(914) 534-3339

Edufun *3-213*

Texas Instruments, Inc.
Attention: Parts, P.O. Box 53, Lubbock, TX
79408
(800) 842-2737

TI-Speech *3-49*
Vocaid *1-82*

Textprint
220 Reservoir Street, Needham Heights, MA
02194
(617) 449-5808

Print-it *3-94*

TIGER Communication System, Inc.
155 E. Broad St., No. 325, Rochester, NY 14604
(716) 454-5134

TIGERbook *1-30*

Titania Publications
P.O. Box 2352, Eugene, OR 97402
(503) 342-3030

Creativity Tool Box *3-299*
Dot & Draw *3-300*
Super Shape Draw & Animate *3-337*

Totec Company, LTD
19151 Parthenia Street, Northridge, CA 91324
(703) 486-2724

Words-to-Voice *3-101*

Touch Turner
443 View Ridge Dr., Everett, WA 98203
(206) 252-1541

Touch Turner *2-67*

Trace Center
S-151 Waisman Center, 1500 Highland Avenue,
Madison, WI 53705
(608) 262-6966

One Finger *3-15*
Talking BlissApple *3-339*

Triformation Systems, Inc.
3102 S.E. Jay Street, Stuart, FL 33497
(305) 283-4817

AudiBraille Computer *3-81*
Microbrailler 2400 *3-107*
PC-Braille *3-93*
Personal Brailler *3-109*
TED-600 Text Embossing Device *3-110*
TRI-170 Braille Terminal Embosser *3-110*

Tronix Publishing, Inc.
8295 South La Cienega Boulevard, Inglewood,
CA 90301
(213) 215-0529

Software Automatic Mouth (SAM) *3-121*

Typewriting Institute for the Handicapped
3102 W. Augusta Avenue, Phoenix, AZ 85021
(602) 939-5344

Dvorak Keyboard Converter *3-3*
Dvorak One-Hand Typewriter *1-64*
Typewriters for the Visually Impaired *1-81*

Ultratec, Inc.
6442 Normandy Lane, Madison, WI 53719
(608) 273-0707

Intele-Type *1-90*
Minicom II *1-92*
Superprint 100, 200, 400 *1-96*
Watchman *2-84*

Unicorn Engineering Company
6201 Harwood Avenue, Oakland, CA 94618
(415) 428-1626

Unicorn Expanded Keyboard *3-50*

UNITED Educational Services, Inc.
P.O. Box 605, East Aurora, NY 14052
(800) 458-7900, NY (716) 652-9131

Articulator: Goals and Objectives for Speech *3-149*
Child Placement Report Writer *3-151*
Explorer *3-154*
IEP Manager, Revised *3-155*
J-Wear Objective Mastery Report *3-157*
PIAT Error Analysis Report *3-159*
PII - Personalized Information for Independence *3-254*
Rate Drill in Articulation, Language and Fluency *3-261*
UNISTAR Pre-IEP Report *3-163*
Wechlsler Adult Intelligence Scale-Revised (WAIS-R) *3-164*
WISC-R Compilation: What To Do Now_ *3-165*
WISC-R Computer Report (WISC-RCR) *3-165*
Woodcock Reading Mastery Tests Error Analysis Report *3-167*

Universe Electric Research Company
510 Florence Ave., St. Louis, MO 63119
(314) 961-7253

Lip-Reader Trainer *3-237*

Valpar International
381 East 34th Street, Tuscon, AZ 85713
(602) 790-7145, (602) 293-1510

MESA *3-178*

Variety Village Electrolimb Production Centre
3701 Danforth Avenue, Scarborough (Toronto),
ON M1N 2G2 CANADA
(416) 698-1415

Prism Communication Tray *1-55*

Versa Computing, Inc.
3541 Old Conejo Road, Newburg Park, CA
91303
(805) 498-1956

E-Z Port Plug *3-130*

Versatron Corporation
103 Plaza Street, Healdsburg, CA 95488
(800) 443-1550

Footmouse *3-32*

Voice Connection
17835 Skypark Circle, Suite C, Irvine, CA
92714
(714) 261-2366

IntroVoice I & II *3-33*
IntroVoice III *3-34*
IntroVoice V *3-34*

Voice Recognition Systems
550 Battery Street, Suite 1716, San Francisco,
CA 94111
(415) 788-2007

Voice Driver *3-54*

VORT Corporation
P.O. Box 60132, Palo Alto, CA 94306
(415) 322-8282

DPS:BCP *3-175*
DPS:Decision Pathing System *3-152*
DPS:HELP *3-153*

Votan
4487 Technology Drive, Fremont, CA 94538
(415) 490-7600

Voice Card *3-52*
VTR 6050 Series II *3-56*

Votrax International, Inc.
1394 Rankin Drive, Troy, MI 48083
(800) 521-1350

Personal Speech System *3-119*
Type-'N-Talk *3-124*
Votalker AP *3-125*
Votalker C-64 *3-126*
Votalker IB *3-126*

VTEK
1625 Olympic Boulevard, Santa Monica, CA
90404
(213) 452-5966, (800) 345-2256

BETA-X3 Thiel Braille Printer *3-105*
Braille Display Processor *3-83*
INDEX *3-106*
Large Print Display Processor *3-88*
MBOSS-1 *3-107*
MPRINT *3-108*
Small Talk *1-75*

Walker Equipment Corporation
P.O. Box 829, Highway 151 South, Ringgold, GA
30736
(800) 426-3738

Amplified Transmitter Handsets *1-3*

Washington Research Foundation
Suite 322, U-District Building, 1107 N.E. 45th
Street, Seattle, WA 98105
(206) 633-3569

Academics with Scanning: Language Arts *3-188*
Academics with Scanning: Math *3-188*
Math Disk *3-240*
Morse Code & Scanning Practice Programs *3-247*
Motor Training Games *3-301*
Phonics, Text, and Graphics *3-252*
Special Inputs Disk *3-47*

Wayne County Intermediate School District
Attention: Greg Turner, 33500 Van Born
Road, Wayne, MI 48184
(313) 467-1415

SCANWOLF *1-74*
WOLF *1-84*

Ways & Means
28001 Citrin Dr., Romulus, MI 48174
(313) 946-5030

Jumbo Phone with 9 Memories *2-56*
Whistleswitch Remote Control *2-70*

Western Center for Microcomputers in Special Education
1259 El Camino Real, Suite 275, Menlo Park,
CA 94025
(415) 326-6997

Western Center Echo + Synthesizer Package *3-143*

Woodsmith Software
Route 3, Box 550 A, Nashville, IN 47448
(812) 988-2137

Magic Keyboard *3-90*

Words+, Inc.
1125 Stewart Court, Suite D, Sunnyvale, CA
94086
(408) 730-9588

ACES *3-171*
Equalizer *1-64*
Expanded Keyboards *3-30*
Eyebrow Switch *2-15*
Infrared Switch *2-19*
Key Latches *3-6*
Keyguards *3-12*
Living Center III *1-69*
Moisture Guard *3-15*
Morse-Code Based Keyboard Emulator *3-40*
Multi-Scan *3-329*

Paddle Switch *2-26*
Portable Voice II *1-72*
Screenkeys *3-47*
Trine System (Words+) *1-81*
Voice Command System *3-53*
Ways to Play *3-293*

X-10 (USA), Inc.
185A LeGrand Ave., Northvale, NJ 07647
(201) 784-9700

X-10 Powerhouse Computer Interface *3-349*
X-10 System *2-71*

Xpert Software
8865 Polland Avenue, San Diego, CA 92123
(619) 268-0112

XtraKey *3-20*

Zygo Industries, Inc.
P.O. Box 1008, Portland, OR 97207
(503) 297-1724

4-Plate Switch *2-3*
4-Pneumatic Switch *2-3*
4-Pushbutton Switch *2-3*
4-Switch Joystick *2-4*
5-Pushbutton Switch *2-4*
5-Tread Switch Slot Control *2-4*
AD-1 Standard Pointer *1-9*
Apple Demo Disk *3-190*
Dual Plate Switch *2-13*
Dual Pneumatic Switch *2-13*
Dual Pushbutton Switch *2-14*
Eye Transfer Communication System *1-45*
Gewa Page Turner *2-55*
Keyguard *3-9*
Leaf Switch *2-21*
Lever Switch *2-22*
Lightwriter *1-69*
Math Scratchpad I *3-241*
Math Scratchpad II *3-242*
Multi-Input Selector *1-24*
PACA (Portable Anticipatory Communication Aid) *1-71*
Plate Switch *2-29*
Pneumatic Switch *2-31*
Pointer Selection Switch *2-31*
Pushbutton Switch *2-33*
Telephone Holder & Line Connector *2-65*
Thumb Switch *2-37*
Touch Switch *2-39*
Toy Adapter Cable *1-32*
Tread Switch *2-39*
Wheeled Floor Station *3-143*
Zygo Model 100 *1-85*
Zygo Model 16C *1-36*
Zygo Model 20 *1-37*
Zygo Model 21S *1-37*
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Zygo Notebook *1-85*
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Zygo TETRAscan II *3-57*

Appendix D

Alphabetical Listing of all Products

This appendix contains an alphabetical listing of every product in the three-book series. The name of the manufacturer and book-page location follow each entry. If you know the name of a product, this provides a quick way to find out if it is in the books.

4-Plate Switch *(Zygo Industries, Inc.) 2-3*
4-Pneumatic Switch *(Zygo Industries, Inc.) 2-3*
4-Pushbutton Switch *(Zygo Industries, Inc.) 2-3*
4-Switch Joystick *(Zygo Industries, Inc.) 2-4*
5-Pushbutton Switch *(Zygo Industries, Inc.) 2-4*
5-Tread Switch Slot Control *(Zygo Industries, Inc.) 2-4*
AARON *(AESIR Software Engineering) 3-307*
Ability Switch Tester *(TASH, Inc.) 1-15*
Ability-Achievement Discrepancy *(Southern Micro Systems) 3-147*
AbleNet Control Unit *(AbleNet) 1-15*
AbleNet Switch 100 *(AbleNet) 2-5*
Academics with Scanning: Language Arts *(Washington Research Foundation) 3-188*
Academics with Scanning: Math *(Washington Research Foundation) 3-188*
Access-Ability *(Kingware) 3-23*
Accularm *(Hugh MacMillan Medical Centre) 2-75*
ACES *(Words+, Inc.) 3-171*
ACS Medicom Computer System *(ACS Telecom) 3-23*
Active Stimulation Programmer *(Handicapped Children's Technological Services, Inc.) 1-16*
Activity Board *(EKEG Electronics Company LTD) 1-16*
AD-1 Standard Pointer *(Zygo Industries, Inc.) 1-9*
Adaptive Firmware Card *(Adaptive Peripherals, Inc.) 3-24*
Adjustable Head Pointer *(Cleo, Inc.) 1-9*
Adjustable Head Pointer *(Fred Sammons, Inc.) 1-9*
Adjustable Head Pointer *(Maddak, Inc.) 1-10*
AIMstar *(ASIEP Education Company) 3-147*
Air Cushion Switch *(ComputAbility Corporation) 2-5*
Air Cushion Switch (Single or Dual) *(Prentke Romich Company) 2-5*
Air Switch *(Medical Equipment Distributors, Inc.) 2-6*
Air Switch Kits *(Maddak, Inc.) 2-6*
AllTalk *(Adaptive Communication Systems, Inc.) 1-63*
Alphabet with Tom and Andy *(Dunamis, Inc.) 3-189*
ALTKEY *(Dept. of Physical Medicine & Rehab., U of Michigan) 3-24*
Amcom C *(American Communication Corporation) 1-89*
Amplified Transmitter Handsets *(Walker Equipment Corporation) 1-3*
Anatomy and Physiology of the Speech and Hearing Mech. *(College-Hill Press) 3-189*
Aphasia Series: I through VIII *(Parrot Software) 3-190*
Apple Adaptor *(KY Enterprises/Custom Computer Solutions) 3-69*
Apple Computer Input Adapter *(Steven E. Kanor, Ph.D., Inc.) 3-69*
Apple Demo Disk *(Zygo Industries, Inc.) 3-190*
Apple DOS 3.3 Manual *(Computers to Help People, Inc.) 3-129*
Apple IIe Input Adapter *(Life Science Associates) 3-70*
Apple Switch Interface *(Prentke Romich Company) 3-70*
Appliance Genie *(Schneier Communication Unit) 3-307*
Arithmetic 1,2, and 3 with Speech *(Life Science Associates) 3-191*
Arm Slot Control *(Prentke Romich Company) 2-6*
Armslot Switch Controller *(DU-IT Control Systems Group, Inc.) 2-7*
Artic Vision *(Artic Technologies) 3-81*
Articulation Error Analysis *(Communication Skill Builders) 3-148*
Articulation Error Analysis (AEA) *(Southern Micro Systems) 3-148*
Articulator: Goals and Objectives for Speech *(UNITED Educational Services, Inc.) 3-149*
Asaflex Model TS *(Asahel Engineering, Inc.) 2-7*
ASIEP Computer Scoring and Interpretation *(ASIEP Education Company) 3-149*
Assessment of Intelligibility of Dysarthric Speech *(C.C. Publications, Inc.) 3-171*
Audible Career Explorer *(Laureate Learning Systems, Inc.) 3-172*
AudiBraille Computer *(Triformation Systems, Inc.) 3-81*
Audio Braille Game Tutorial *(Speech Enterprises) 3-191*
Audio Scan *(Developmental Equipment) 3-308*
Automaddak Page Turner *(Maddak, Inc.) 2-45*
Automated IEP System and Professional Goal Banks *(Harding & Harris, Inc.) 3-150*
Automated IEP System and SCOR Goal Banks *(LinguiSystems, Inc.) 3-150*
Automatic Form Writer *(Maryland Computer Services, Inc.) 3-308*
Automatic Message Dialer *(TASH, Inc.) 2-45*
Automatic Page Turner *(Lakeland Products) 2-46*
Barrel Switch *(Handicapped Children's Technological Services, Inc.) 2-7*
Basic Interpreter for the Blind *(Schaefer, James S.) 3-82*
Basic Language Series-Spatial Concepts *(C.C. Publications, Inc.) 3-192*
Basic Vocabulary Builder on Computer *(Ballard & Tighe, Inc.) 3-192*
Battery Adapter *(Developmental Equipment) 1-17*
Battery Device Adapter *(AbleNet) 1-17*
Battery Interface *(Prentke Romich Company) 1-18*
Beamscope II *(International Marketing Services, Inc.) 3-82*
Bear Jam *(Dunamis, Inc.) 3-193*
Beeper *(Crestwood Company) 2-75*
BETA-X3 Thiel Braille Printer *(VTEK) 3-105*
BEX *(Raised Dot Computing) 3-309*
Bite Switch *(DU-IT Control Systems Group, Inc.) 2-8*
Blazing Paddles *(Baudville) 3-299*
Blisspen *(Developmental Equipment) 3-193*
Blissymbol Vocabulary Stamps *(Blissymbolics Communication Institute) 1-41*
Blissymbolics: Bliss Drills *(MECC (Minnesota Educational Computing Consortium)) 3-194*
Blissymbolics: Bliss Library *(MECC (Minnesota Educational Computing Consortium)) 3-309*
Blissymbolics: Blissboard *(MECC (Minnesota Educational Computing Consortium)) 3-310*
Blissymbolics: Blissymbol Concepts *(MECC (Minnesota Educational Computing Consortium)) 3-194*
Bobcat *(Hoefer, J.J.) 3-195*
Body Switch *(DU-IT Control Systems Group, Inc.) 2-8*
Brailink III *(SABRE Computers International, LTD) 3-83*
Braille Display Processor *(VTEK) 3-83*
Braille Trainer *(Raised Dot Computing) 3-195*
Braille Translation Software *(Maryland Computer Services, Inc.) 3-310*
Braille-Talk *(Computer Aids Corporation) 3-311*
Brainz *(Bainum Dunbar, Inc.) 3-196*
BraT *(Telesensory Systems, Inc.) 3-84*
Brighter Pathways Communication Symbols and Grids *(Brighter Pathways) 1-41*
Brow Wrinkle Switch *(Prentke Romich Company) 2-8*
Butler-in-a-Box *(Speech Products, Inc.) 2-46*
Button Switch *(Medical Equipment Distributors, Inc.) 2-9*
Button Switch *(Steven E. Kanor, Ph.D., Inc.) 2-9*
Button Switch *(TASH, Inc.) 2-9*
ButtonCount Switch Assessment *(ButtonCount Software Company) 3-172*
Cacti Word Processor *(Cacti Computer Services) 3-311*
Calc-Talk *(Computer Aids Corporation) 3-312*
Call Bell *(TASH, Inc.) 2-76*
Call Signal 2 *(Prentke Romich Company) 2-76*
CallText 5000 *(Speech Plus, Inc.) 3-115*
CallText 5050 *(Speech Plus, Inc.) 3-115*
Canon Communicator M *(Canon U.S.A., Inc.) 1-63*
Cap Switch *(TASH, Inc.) 2-10*
Capacitive Touchplate Interface *(Hugh MacMillan Medical Centre) 2-10*
CAPTAIN: Cognitive Training Series *(Network Services) 3-196*
CARA *(Southern Micro Systems) 3-173*
CASPT *(R.J. Cooper & Associates) 3-197*
Catagorical Reasoning I and II *(Parrot Software) 3-197*
Catch the Cow *(Birch, Jana) 3-173*
Chatterbox Dictionary *(Chatterbox Voice Learning Systems) 3-198*
Child Placement Report Writer *(UNITED Educational Services, Inc.) 3-151*
Chin Switch *(TASH, Inc.) 2-10*
Choice Board *(Developmental Equipment) 1-42*
Choice Maker I *(Microcomputer Systems for the Handicapped) 3-198*
CHPI Apple Tool Kit *(Computers to Help People, Inc.) 3-312*
Clamp-On Bump Switch *(Luminaud, Inc.) 2-11*
Classy Letterheads - Speak! *(Speech Enterprises) 3-313*
Clear-View Head Pointer *(Fred Sammons, Inc.) 1-10*
Cleo Communication Board *(Cleo, Inc.) 1-42*
Clinical Data Manager *(College-Hill Press) 3-151*
Clock Communicator *(Steven E. Kanor, Ph.D., Inc.) 1-18*
Cloze-Plus Program *(Instructional/Communications Technology, Inc.) 3-199*
Cognitive Rehabilitation Series *(Hartley Courseware, Inc.) 3-199*
Cogrehab Vol. 1 *(Life Science Associates) 3-200*
Cogrehab Vol. 2 *(Life Science Associates) 3-200*
Cogrehab Vol. 3 *(Life Science Associates) 3-201*
Cogrehab Vol. 4 *(Life Science Associates) 3-201*
Coinankeys *(Castle Special Computer Services, Inc.) 3-202*
Color Find *(Handicapped Children's Computer Cooperative Project) 3-202*
COM 2000 *(Precision Controls, Inc.) 1-89*
Com Board *(TASH, Inc.) 1-19*
Comm-Prog *(Cacti Computer Services) 3-313*
Command Telephone System *(Command Telephone System) 2-47*
Commodore Light Pen *(Design Technology) 3-61*
Communication Binder *(Mayer-Johnson Company) 1-43*
Communication Folder *(Mayer-Johnson Company) 1-43*
Communication Sheets *(Fred Sammons, Inc.) 1-44*
Communicator *(Prometheus Software) 3-314*
Communiclock *(Crestwood Company) 1-19*
Communitree - First and Second Editions *(Communitree Group) 3-314*
Compartmentalized Communicator *(Steven E. Kanor, Ph.D., Inc.) 1-20*
Complete Spelling Program *(Special Learning Ed Software (SLED)) 3-203*
Comprehension Power Program *(Instructional/Communications Technology, Inc.) 3-203*
Comprehensive Phonemic Inventory for Children, 2.0 *(College-Hill Press) 3-174*
Compu-Lenz *(International Marketing Services, Inc.) 3-84*
Compudapter *(R/M Systems) 3-25*
CompuDesk HCP *(R.J. Cooper & Associates) 3-129*
Compuscore: For the Scales of Independent Behavior *(DLM Teaching Resources) 3-152*
Computer Assisted Instruction in Phonological Process *(College-Hill Press) 3-204*
Computer Courseware for the Exceptional Student *(Communication Skill Builders) 3-204*
Computer CUP *(Amidon Publications) 3-205*
Computer Entry Terminal *(Prentke Romich Company) 3-25*
Computer Keyboard Switch *(Steven E. Kanor, Ph.D., Inc.) 2-11*
Computer Managed Articulation Diagnosis *(Communication Skill Builders) 3-174*
Computer Managed Articulation Treatment *(Communication Skill Builders) 3-205*

Computer Managed Language Treatment *(Communication Skill Builders) 3-206*
Computer Managed Screening Test *(Communication Skill Builders) 3-175*
Computer Plate Switch *(Steven E. Kanor, PhD., Inc.) 2-11*
Computer Progs. for Neuropsychological Testing & Rehab. *(Sbordone, Robert, PhD) 3-206*
Computerized Enabling System *(Computerized Enabling Systems) 3-315*
Computerized Reading for Aphasics *(College-Hill Press) 3-207*
Computerized Training Systems (CTS): Nuts & Bolts *(Conover Company, The) 3-207*
Concept Formation: Shape Matching *(Conover Company, The) 3-208*
Control 1 *(Prentke Romich Company) 2-47*
Control Without Keyboards *(J. Jordan & Associates) 3-315*
ControlPAC *(Adaptive Communication Systems, Inc.) 2-48*
Cooper Rand Electronic Speech Aid *(Luminaud, Inc.) 1-3*
Core Picture Vocabulary *(Developmental Equipment) 1-44*
Core Reading and Vocabulary Development *(Educational Activities, Inc.) 3-208*
Coretechs VET3 *(Scott Instruments) 3-26*
Counter Module *(Steven E. Kanor, PhD., Inc.) 1-20*
Counting Critters *(MECC (Minnesota Educational Computing Consortium)) 3-209*
Cranmer Modified Perkins Brailler *(Maryland Computer Services, Inc.) 3-105*
CREATE *(CREATE) 3-209*
Creativity Tool Box *(Titania Publications) 3-299*
Cricket *(Street Electronics Corporation) 3-116*
CTRL & ALT Key Adaptive Program *(Murray, Fr. Bradley (for information)) 3-3*
CTS: Electronic Assembly & Soldering *(Conover Company, The) 3-210*
Cup Switch *(TASH, Inc.) 2-12*
Cylindrical Touch Switch *(TASH, Inc.) 2-12*
DART-5000 *(Dragon Systems, Inc.) 3-26*
Deafsign *(Advanced Computer Services) 3-210*
DECtalk *(Digital Equipment Corporation) 3-116*
Delay Timer *(Arroyo & Associates) 1-21*
Deuce *(DU-IT Control Systems Group, Inc.) 2-48*
Developmental Lever Control *(Handicapped Children's Technological Services, Inc.) 2-12*
Dial Scan *(Developmental Equipment) 1-21*
Directel *(AT & T) 2-49*
Disk Guide *(TASH, Inc.) 3-130*
Door Monitor *(Precision Controls, Inc.) 2-77*
Dot & Draw *(Titania Publications) 3-300*
Double Push Panel *(Handicapped Children's Technological Services, Inc.) 2-13*
DP-200 Connected Speech Recognizer *(NEC America, Inc.) 3-61*
DPS:BCP *(VORT Corporation) 3-175*
DPS:Decision Pathing System *(VORT Corporation) 3-152*
DPS:HELP *(VORT Corporation) 3-153*
Drills in Language Concepts *(College-Hill Press) 3-211*
Dual Channel Latching Switch Interface *(Hugh MacMillan Medical Centre) 1-22*
Dual Plate Switch *(Zygo Industries, Inc.) 2-13*
Dual Pneumatic Switch *(Zygo Industries, Inc.) 2-13*
Dual Pushbutton Switch *(Zygo Industries, Inc.) 2-14*
Dual Rocking Lever Switch *(Prentke Romich Company) 2-14*
Dual Switch Latch and Timer *(TASH, Inc.) 1-22*
Dual Tape Control *(DU-IT Control Systems Group, Inc.) 2-49*
Dual Tongue Switch *(DU-IT Control Systems Group, Inc.) 2-14*
Dual Touch Pad Switch *(TASH, Inc.) 2-15*
Duxbury Braille Translator *(Duxbury Systems, Inc.) 3-316*
Dvorak Keyboard Converter *(Typewriting Institute for the Handicapped) 3-3*
Dvorak Keyboard Modification Programs *(Dvorak International) 3-4*
Dvorak One-Hand Typewriter *(Typewriting Institute for the Handicapped) 1-64*
Dynamate 1200 *(ACS Communications) 2-50*
Dynamate 2000 *(ACS Communications) 2-50*
E-Tran Scanner *(Arroyo & Associates) 1-23*
E-Z Call *(Med Labs) 2-77*
E-Z Pilot II Authoring System and Training Package *(Speech Enterprises) 3-316*
E-Z Port Plug *(Versa Computing, Inc.) 3-130*
Early Learning I *(Marble Systems) 3-211*
Early Learning II *(Marble Systems) 3-212*
Ears *(Speech Systems: Illinois) 3-27*
Easicorder *(DU-IT Control Systems Group, Inc.) 2-51*
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